



# NORTHWESTERN UNIVERSITY

One Hundred and Ninth Annual

## COMMENCEMENT

SATURDAY, JUNE 17, 1967

McGaw Memorial Hall, Evanston, Illinois

## THE PLEDGE

Traditionally taken by Northwestern Graduates  
on receiving their degrees

*With a solemn sense of my responsibility  
I pledge myself*

TO HOLD MY DEGREE AS A SACRED TRUST,  
WITH UNTARNISHED HONOR TO MYSELF,  
IN GENEROUS LOYALTY TO ALMA MATER,  
AND WITH FIDELITY TO MY COUNTRY,  
MY FELLOW MEN, AND MY GOD.





# THE PROGRAM

## PROCESSIONAL

*(Audience will please remain seated for the Student and Faculty Processional.)*

## THE NATIONAL ANTHEM

*(The first stanza)*

*(Audience will please remain standing until the Invocation has been pronounced.)*

## INVOCATION

THE REVEREND JAMES C. MC LEOD  
*Dean of Students*

## ADDRESS

THE HONORABLE CHARLES H. PERCY  
*Senator from Illinois*

## AWARDING OF DIPLOMAS AND CONFERRING OF DEGREES

JAMES ROSCOE MILLER  
*President of the University*

## ADMINISTERING THE OATH OF OFFICE TO CANDIDATES FOR COMMISSIONS

COLONEL MAXIE R. WILLIAMS, UNITED STATES MARINE CORPS  
*Professor of Naval Science*

## CHARGE TO THE GRADUATING CLASS

*The President of the University*

## CONFERRING OF HONORARY DEGREES

## DELIVERY OF DIPLOMAS

*The Deans of the Schools*

## THE UNIVERSITY HYMN

*(Words to the University Hymn are printed inside the back cover.)*

## BENEDICTION

THE REVEREND ALLEN R. GILMORE  
*Assistant to the University Chaplain*

## RECESSIONAL

FACULTY RECESSIONAL *(Graduates and guests will please remain seated.)*

STUDENT RECESSIONAL *(Guests will please remain seated.)*

Parents and guests are respectfully requested to remain in their seats during the entire ceremony, including the period when diplomas are delivered. The aisles of the Hall must be kept clear at all times, and those who leave their seats before the close of the ceremony must leave the building immediately through the front lobby.



# THE HONORARY DEGREES

*In the Exercises, citations will be read by Payson S. Wild,  
Vice-President and Dean of Faculties of Northwestern University*

## GEORGE BALANCHINE — DOCTOR OF FINE ARTS

Choreographer and dancer. Studied with the Imperial Ballet and at the Conservatory of Music of Petrograd. Danced in state theatres of opera and ballet in Russia, 1921-24; toured Germany, then joined Ballets Russes de Sergei Diaghileff; became director, Royal Theater of Copenhagen, 1929; helped organize Ballets Russes de Monte Carlo, 1932. Came to the United States in 1933. With Metropolitan Opera House, 1934-37; helped organize School of American Ballet, 1934, of which he is now a director. Director of the New York City Ballet which toured Europe and the USSR in 1962. Choreographer for many motion pictures and plays. Among his major ballets are: *Pastorale*; *Prodigal Son*; *Cotillion*; *Don Quixote*. Author: *Balanchine's Book of Ballet*.

*Presented by James D. Breckenridge, Professor of Art and Chairman of the  
Department, College of Arts and Sciences*

## JOHN W. EVERS — DOCTOR OF LAWS

Retired president of Commonwealth Edison Company. Educated Chicago Public Schools. Has held many executive positions in Commonwealth Edison, becoming president in 1953. One of his greatest contributions was the development of the Rehabilitation Institute in Chicago which grew to great importance under his leadership. Also director of National Boulevard Bank of Chicago, Seaboard Finance Company, Commonwealth Edison Company, American Red Cross, Chicago, Hospital Planning Council of Metropolitan Chicago. Trustee, Community Fund Joint Appeal, Graham Foundation for Advanced Studies in the Fine Arts. Member, Metropolitan Fair and Exposition Authority Board, Senior Council of Chicago Association of Commerce and Industry of which he was president in 1955-56.

*Presented by Leonard Spacek, Trustee of Northwestern University*

## BEN WALTER HEINEMAN — DOCTOR OF LAWS

Chairman and chief executive officer of the Chicago and North Western Railway. University of Michigan, 1930-33; LL.B., Northwestern, 1936. Admitted to Illinois Bar, 1936. Director, First National Bank of Chicago, Illinois Bell Telephone Company, The Metropolitan Life Insurance Co., Sears Roebuck Foundation. Trustee, University of Chicago; Visiting Committee to the Department of Economics of Harvard College; Director, Alumni Association, Northwestern University School of Law. Director, Association of American Railroads. Chairman, Illinois Board of Higher Education. Fellow, American Bar Foundation. Member, National Freight Traffic Association, American Law Institute; American, Illinois, and Chicago Bar Associations; an active member of the guiding boards of many civic organizations.

*Presented by Dr. John A. D. Cooper, Dean of Sciences,  
Associate Dean of Faculties, Northwestern University*

JOHN HERBERT HOLLOMON — DOCTOR OF SCIENCE

Acting Under Secretary of Commerce and President-elect of the University of Oklahoma. Graduate of Massachusetts Institute of Technology, 1940; Ph.D., 1946. Instructor, Harvard Graduate School of Engineering, 1941-42. Joined General Electric in 1946 as a research metallurgist and later became General Manager of the General Engineering Laboratory. In 1962 he became Assistant Secretary of Commerce; in this position he supervised the Patent Office, the National Bureau of Standards, the Environmental Science Services, and the Office of State Technical Services. He was appointed Under Secretary of Commerce in 1967. He has been a consultant to the President's Science Advisory Committee and Chairman of the Interdepartmental Committee for Atmospheric Sciences. He served as a Major, AUS, 1942-46. Chairman, Air Force Materials Study Commission. National Academy of Science. Recipient of many engineering awards and prizes, including Legion of Merit. Fellow, American Academy of Arts and Sciences, American Physical Society, American Association for the Advancement of Science. Trustee, American Society of Metals. Director, American Institute of Mining and Metallurgical Engineers. Author of a textbook on metallurgy and many articles for professional journals.

*Presented by Donald S. Berry, Professor of Civil Engineering  
and Chairman of the Department, Technological Institute*

ARTHUR KROCK — DOCTOR OF HUMANE LETTERS

Newspaperman. A.A., Lewis Institute, Chicago; A.M., Princeton University; Litt.D., University of Louisville. Washington correspondent, Louisville *Times* and Louisville *Courier-Journal*, returned to Louisville as editorial manager of both papers; editor-in-chief of *Times*, 1919-23; assistant to president, New York *World*, 1923-27; New York *Times* Board of Editors, 1927, and its Washington correspondent, 1932-53, becoming a Washington commentator in 1953. Member, Pulitzer Prize Board, and the faculty of the School of Journalism of Columbia University from 1940 to 1953. While a correspondent to the Paris Peace Conference in 1918-19, he was one of three American members of the Inter-Allied Press Committee of Fourteen which insisted on open sessions of the Peace Conference. Assistant to chairman, Democratic National Committee, New York, 1920. Decorations: Officer, Legion d'Honneur (France); Officer's Cross, Polonia Restituta; Knight's Cross in Order of St. Olav (Norway). Received the Pulitzer Prize for Washington Correspondents in 1935 and 1938. Author: *The Editorials of Henry Watterson*.

*Presented by William D. Maxwell, Trustee of Northwestern University*

GEORGE STANLEY MC GOVERN — DOCTOR OF LAWS

United States Senator from South Dakota. Graduate of Dakota Wesleyan University, B.A., 1945; M.A., Northwestern University, 1949; Ph.D., 1953. Executive Secretary of South Dakota Democratic Party, 1953-56. Member of 85th and 86th Congresses. He served as a Special Assistant to President Kennedy and a Director, Food for Peace, 1961-62. Elected United States Senator in 1963. While serving as an officer and pilot in the USAAF in World War II, he flew thirty-five combat missions and received the Distinguished Flying Cross. Member, American Historical Association. Author: *The Colorado Coal Strike, 1913-1914*; *War Against Want*; *Agricultural Thought in the Twentieth Century*.

*Presented by Franklin D. Scott, Professor of History, College of Arts and Sciences*



## NORTHWESTERN UNIVERSITY

### FREDERICK A. POTTLE — DOCTOR OF HUMANE LETTERS

Professor of English, Yale University. Graduate of Colby College, A.B., 1917; A.M., Yale, 1921; Ph.D., 1925. Served in A.E.F. evacuation hospital in 1917-19. Assistant professor of English at University of New Hampshire, 1921-23. Since 1925 on the faculty of Yale University where he has been the Sterling Professor of English since 1944. He has served as a trustee of General Theological Seminary and a Fellow of Davenport College and was twice a Guggenheim Fellow; since 1951 Chancellor of the Academy of American Poets; a member and officer of many scholarly societies. Author: *The Idiom of Poetry*; *James Boswell, The Earlier Years, 1740-1769*. Chairman, Editorial Committee, Yale Editions of the private papers of James Boswell and the editor of numerous volumes of Boswell papers.

*Presented by Robert D. Mayo, Professor of English and Chairman of the  
Department, College of Arts and Sciences*

### WILLIAM HUFFMAN STEWART — DOCTOR OF SCIENCE

Surgeon General of the United States. Attended the University of Minnesota, 1939-41; M.D., Louisiana State University, 1944. Resident physician, pediatrics, Charity Hospital of New Orleans, 1948-50. Pediatrician, Alexandria, Louisiana, 1950-51. Officer, United States Public Health Service, 1951 to present. Epidemiologist, Communicable Disease Center, 1951-53. Chief, Heart Disease Control Program, 1954-56. Assistant Director, National Heart Institute, 1956-57. Assistant to Surgeon General, 1957-58. Chief, Division of Public Health Methods, 1958-64. Diplomate, American Board of Pediatrics. Contributor of numerous articles to medical and scientific journals.

*Presented by Dr. John M. Beal, Professor of Surgery and Chairman of the  
Department, Northwestern University Medical School*

### CHARLES HARTING PERCY — DOCTOR OF LAWS

United States Senator from Illinois. Graduate of University of Chicago, A.B., 1941. LL.D. Lt. USNR, 1943-45. Former president (1949-61), and chairman of the board (1961-66) of Bell and Howell. Director, Harris Trust and Savings Bank. Co-Chairman, National Conference of Christians and Jews, Chicago, 1954. Trustee, University of Chicago, Illinois Institute of Technology (1950-54), California Institute of Technology. Chairman of the Fund for Adult Education, Ford Foundation, 1958-61. Special ambassador to presidential inaugurations in Peru and Bolivia, 1956. Vice-chairman, Republican National Finance Committee, 1957-59; Chairman, Committee on Platform and Resolutions, Republican National Convention, 1960; Republican candidate for Governor of Illinois, 1964. Recipient of numerous international and national honors, including the French Legion d'Honneur.

*Presented by Daniel C. Searle, Trustee of Northwestern University*



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# THE DEGREES IN COURSE

The appearance of a name on this list is presumptive evidence of graduation  
but is not to be regarded as conclusive.

## THE COLLEGE OF ARTS AND SCIENCES

*Candidates presented by* DEAN ROBERT H. STROTZ

### BACHELOR OF ARTS

Andrew Michael Abarbanel	Ruth Marian Bolotin
Stephen Ira Abramowitz	Marsha Roe Bordwell
David Nichols Adair	Janet Borneman
Judith Ann Adams	Chester Richard Bouten
Suzan Elizabeth Adams	Susan Phyllis Bradshaw
Susan Lucretia Adomeit	Jeanne Louise Brady
Peter Svetoslav Akrahoff, Jr.	Robert Henry Brandow, Jr.
Robert Corey Alver	Katherine Braun
Jere Norman Anderson	Michael Richard Braunstein
Joan Carole Anderson	George Henry Brinkmann
Maria Nelson Anderson	Christie Broers
Thomas Mark Angiuli	Cynthia Ellen Brown
Robert John Angus	George Dixon Brown
Susan Locke Archer	James Fulton Brown
Stephen Richard Ash	Philip Ayers Browning
Thomas William Attig	Joanne Louise Brunst
Stephen Keith Ault	Mary Lucille Buck
David Leslie Auth	Charles John Buresh
Mary Madge Avery	Homer David Burge, Jr.
Alison Troy Badgett	Kathleen Arlettie Burke
Carol LaVergne Baeder	James Burton Burns
Dorcas Elta Moreland Bailey	Pamela Howorth Butler
John Dameron Balling	Michael Anthony Callahan
Robert Walter Bane	Woodrow Lamar Campbell
Malcolm Graeme Bannerman, Jr.	Susan Jane Cardon
William Montague Banta	Elaine Louise Carl
Richard George Rankin Barnes	Michael Ray Carlson
Diana Corinne Beall	Sandra Jean Carlson
Alan Loyd Beaurline	Robert Paul Carrell
Roger Gilson Beckwith	Jean Marie Cassidy
Theresa Elizabeth Behrens	Arlene Frances Cernik
Mary Susan Belfry	William Frederick Chandler
Karen Louise Berg	Frank Byron Chauner
Susan Leslie Berg	Michael Light Chernoff
Robert Charles Bergstedt	Selvin Augustus Chin Chance
Gerald Neil Berman	Laura Ann Cholfin
Jo Ann Betlej	Ruth Ingrid Christensen
Jeffrey Mace Beuttell	David John Churchill
Jurate Bigelis	Sybil Jean Circle
Catherine Anne Bishop	Timothy James Clare
Constance Ann Black	Henrietta Cohen
William Donald Black	Richard Schley Cohen
Laurel Deane Block	Martha Janet Cook
Judith Bernette Bloom	Barry Lee Copilow
Harlan Eugene Bogie	Michael Edward Corcoran
Clara Marguerite Bogle	Walda Frances Cornnell

# ONE HUNDRED AND NINTH COMMENCEMENT

Sandra Ruth Cotton  
 Laura Jean Cragg  
 David Sudduth Crook  
 Jesse Charles Crumbley III  
 Bobb Gary Cucher  
 Janice Lynn Culp  
 Lynne Marie Cunningham  
 Carolyn Wilson Curtis  
 John Ellsworth David  
 Mary Josephine Davis  
 Gail Marsha Dazey  
 Bruce Paul Dembling  
 Ligita Zirins Dienhart  
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 John Arthur Dillon  
 Jama Lee Doenges  
 Michael William Donaldson  
 Jay Douglas Donenfeld  
 Mary Katherine Doty  
 Elisabeth Mary Dougan  
 Sondra Klotz Doyle  
 Sharon Alice Drew  
 Charles Drucek III  
 Roxanne Stephanie Durec  
 Wendy Jean Eagan  
 Ralph Paul Earlandson  
 Barbara Ann Earle  
 Jan Andrew Eberhardt  
 Peter King Eck  
 Clifford George Egner  
 Joan Frances Ehrlich  
 Seth Alan Eisner  
 Patricia Anne Ely  
 Joan Elizabeth Engel  
 Nancy Wright Enyart  
 Ruth McDaniel Erickson  
 John Roger Erwin  
 George Alexander Faris  
 Richard Paul Farkas  
 Virginia Ann Fenske  
 Sheppard Ferguson  
 Lawrence Francis Fersch  
 Edward Anthony Fessler  
 Barbara Ann Fienberg  
 Gordon Michael Fines  
 Richard William Fink, Jr.  
 Barbara Ann Finzel  
 Terrance Elmer Fippinger  
 David Allan Fischer  
 Jacqueline Ann Fischer  
 Marilyn Marie Fisher  
 Michelle Barbara Fisher  
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 Gregory John Flanagan  
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 Sally Ann Fleming  
 James Allen Floyd  
 Corinne Beth Forman  
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 Russell Jay Frackman  
 Dennis Brindell Fradin

Martin Jay Freed  
 Roger Allen Freeman  
 Jeffrey Ralph Freund  
 Leonard George Friedel  
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 Richard William Furlanetto  
 William Bruce Gable  
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 Kathryn Anne Garland  
 James Christopher Garrels  
 Lawrence Keith Gates  
 Walter William Geister III  
 Peter Milton Gerhart  
 Robert Thomas Gilbert  
 Susan Lee Gillam  
 David Carr Gilliom  
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 William Bourke Gleason  
 Elizabeth Mabel Glock  
 John Patrick Glynn  
 Joseph Edwin Godfrey III  
 Bryna Marcia Goldman  
 Joan Diane Goldman  
 Joel Lee Gomberg  
 Phebe Anne Gordon  
 Nancy Jean Gore  
 Arthur Francis Gould  
 James C. Gould  
 Melinda Gayle Gradle  
 Elizabeth Cramer Graf  
 David Alexander Grant  
 Phillip Alan Greasley  
 Jonye Kay Green  
 Richard Allen Greenwood  
 Lynn Mabel Grewe  
 Ruth Vera Gross  
 Vernon Frank Haase  
 Janet Elizabeth Hafner  
 Christopher James Hagen  
 Gary Eugene Hall  
 Helen Lee Hall  
 Eugenie Maria Halter  
 James Joseph Hamilton  
 Jo Ellen Hanson  
 Judith Eileen Hanson  
 Paul Archie Harders  
 Susan Mary Harding  
 Jean Virginia Hardisty  
 Diane Lynne Hare  
 Danielle Harris  
 Susan Valeria Harris  
 William Eldon Harris  
 Nancy Lee Hartley  
 Adele Peterdi Harvey  
 Carol Ann Havekost  
 William Lee Havemann  
 Hardin William Hawes  
 Linda Lee Heeren  
 Peggy Lee Heil  
 Nancy Ellen Heim

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 Elaine Marie Hoag  
 Mary Ann Holmblad  
 Gretchen Michele Huber  
 Douglas Fillmore Hudson, Jr.  
 Joan Ray Hugenberg  
 Ellen Ferguson Hughes  
 James Charles Hughes  
 Mary Leigh Jacobs  
 Paul Charles Jacobs  
 Patricia Marian Jameson  
 Betty Lou Janssen  
 Cynthia Louise Jensen  
 Carol Gage Johnson  
 Gregory Lawrence Johnson  
 James Baldwin Johnson  
 Judith Ann Johnson  
 Mariann Johnson  
 Russell Johnson  
 Suzanne Jo Johnson  
 Judy Crisler Johnston  
 Catherine Owen Jones  
 Christopher Crawford Jones  
 Dawn Elaine Jones  
 Philip Garden Jones  
 Diann Thelma Joondeph  
 Thomas Francis Jordan  
 Gerald Bradley Jurisch  
 Robert Arthur Kammer, Jr.  
 James Barry Kargman  
 Myrna Claire Karlin  
 David John Katrana  
 Sharon Rae Katz  
 Michael John Kaufman  
 Judith Ann Keenan  
 Robert Gustav Keske  
 John Byron Keskitalo  
 Ann Barbara Kesslen  
 Charles Harold King, Jr.  
 Kathryn Ann King  
 Laurie Lindsay King-Smith  
 Mary Louise Kinzie  
 Ronald Kent Kirkpatrick  
 Joseph Anthony Klecka  
 Andrea Beth Klein  
 Charles Ely Knox  
 Dennis Joseph Konshak  
 Judith Evelyn Koons  
 Karen Lee Kraus  
 James Allan Kromer  
 Bonnie Elaine Kruger  
 Nancy Rucks Kuechelmann  
 Jacqueline Jean Kufahl  
 Marian Teresa Kuffler  
 Carolyn Jay Kurzina  
 Courtney Ann Lade  
 John Merrill Lafferty  
 Thomas Charles Laipply  
 Stephen Jay Landes

Jorilyn Vana Lang  
 Elizabeth Louise Lanner  
 William Edward Lasko  
 Stanley Marcus Lastick  
 Harvey Alan Lazar  
 Raymond Walter LeBoeuf  
 John Vance Lee  
 James Claude Leek  
 John Bernard Lester  
 Rosalinda Mae Levenson  
 Harold Gary Levine  
 Edward Michael Lewicki  
 Hilary Ellen Lewis  
 Gary Melvin Licklider  
 Allan Stuart Lieberthal  
 Richard Lorenz Lies  
 Thomas Elmer Lifka  
 Roselind Anne Lindau  
 William David Lindenau  
 Arthur Howard Lipschultz  
 Susan Kay Lister  
 Walter Julian Liszka  
 Julius Louis Loeser  
 Alan Davison Longstaff  
 John Louis Losquadro  
 Virginia Mann Louth  
 Barbara Markus Lowenstein  
 James Lucas III  
 David Michael Lumb  
 Joan Louise Lunde  
 Kathleen Marie Lundquist  
 Charles Frederick Lutz  
 Karen Anne Lynch  
 Sandra Lea MacDonald  
 James Russell MacFall  
 John David Mack  
 Francis Gerald Mackin  
 Robert Bruce MacNaughton  
 Juliet Maddock  
 Jane Willison Madison  
 Merle Jean Madsen  
 Joy Louisa Maffei  
 Carl Richard Magnussen  
 John Winslow Mahaffay  
 John Raymond Malott  
 Charles Wendell Malsbury  
 Thomas Randall Mansfield  
 Gwendolyn Mack Marinos  
 David Wright Marquez  
 Jayne Ward Martin  
 Robert Edwin Marx  
 James Ward Mason  
 Caryn Dianne Mather  
 Judith Ann Mattox  
 Ronald Lawrence Matysiak  
 Carol Stock McAvoy  
 Denis Charles McCann  
 Suzanne Bicknell McCarthy  
 Phebe Ann McCarty  
 Sarah Gwen McClellan  
 Ann Margaret McClelland  
 William Bruce McClure



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 Mary Douglas McKinney  
 Sheryl Lee Meader  
 Della Rae Melin  
 Diana Ellis Melton  
 Harry Edward Menton  
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 Ann Virginia Miller  
 Judith Ann Miller  
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 Kenneth LeRoy Milyard  
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 James Edward Morris  
 Nancy Marie Motykiewicz  
 David Leonard Narva  
 John Buchta Naylor  
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 Donna Shapiro Neuberg  
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 Herbert William Nichols  
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 Kenneth Charles Peterson  
 Roger David Peterson  
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Linnea Grace Phillip  
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 Jennifer Jane Price  
 Pamela Elizabeth Priest  
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 George Peter Provenzano  
 Joseph Walter Pundy  
 Linda Grace Quan  
 James Albert Raihle  
 Keren Moore Ramsdell  
 Karen Joyce Rau  
 Carolyn Sue Raven  
 Richard Edwin Ray  
 David Thomas Reed  
 Robert Clinton Reed  
 Margaret Ann Reidy  
 Joseph Robert Reifer  
 John Park Renninger  
 Genelle Winona Renz  
 Emily Anne Rice  
 Marilyn Ann Rich  
 Mary Karen Richards  
 Ronald Lee Richardson  
 Thomas Henry Ritter  
 Bernard Ray Ritterbush  
 John Lee Ritts  
 Laurie Morgan Robertson  
 Jane Marion Roe  
 Elizabeth Marie Rolander  
 Richard James Rolfe  
 Peter Allen Rolland  
 Peter Allan Roode  
 David Alan Rosenfield  
 Mary Jean Bodle Ross  
 James Leonard Roth  
 Richard Stanley Ruben  
 George Theodore Rummel  
 James Franklin Runnion  
 Pamela Jane Rush  
 Sally Joan Rush  
 Kathryn Klein Sackheim  
 Bonnie Jean Sahlín  
 Kathie Elaine Sailer  
 Glenn Lawrence Salkind  
 Lawrence Raymond Sanford, Jr.  
 Kay Plomondon Scace  
 Hugo Romano Scala, Jr.  
 Nancy Kathryn Schaefer  
 John Ralph Schallow  
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 Marc Alan Siegler  
 Ronald Alan Silver  
 Robert Ellis Simon  
 Richard Michael Simone  
 Stewart Wallace Simpson II  
 Susan Marilyn Skerke  
 Jane Frances Skorvanek  
 Lynn Louise Sloan  
 Abigail Frances Smith  
 Laurie Jean Smith  
 Milton Perry Smith  
 Natasha Linda Smith  
 Jack Barnett Smothers  
 Judith Kaye Snyder  
 Lawrence Russell Sondler  
 Michael Blevins Sosna  
 Eugene Arthur Sprague  
 Wendy Allen Sprole  
 Richard Huffman Squire  
 Spiros George Stamelos  
 John Robert Stamm  
 Winifred Anne Stark  
 Roger James Starkweather  
 Danny Roy Stebbins  
 Marsha Faye Stegitz  
 Vicki Lee Stelmaszyk  
 Stuart Prescott Stephens  
 George Conway Stephenson  
 Susan Carol Stern  
 Nancy Ann Sterner  
 James Edward Sternik  
 Margaret Jane Stewart  
 Donna Dorzback Stone  
 Judith Lee Stone  
 Anne Elizabeth Strassman  
 Paul Leon Strong  
 James Hugh Sturtevant  
 Nancy Louise Swanson  
 Carol Lee Tarbis  
 Terry Tarun  
 Mary Launisse Terry  
 Walter Thomas Terwilliger  
 David Peter Thomas  
 Carol Ann Thompson  
 Judy Allison Thompson  
 Eugene Irwin Tolpin  
 John Paul Toth  
 David Renfro Trippe  
 Keith Earl Troemner  
 Marion McClelland Troost  
 William Paul Truels

Diane Denise Tsinonis  
 Howard Alan Tullman  
 Judith Evelyn Turberg  
 Susan Anne Turchan  
 Bruce Clarke Twomley  
 Elaine Helen Tylanda  
 John Joseph Vacek  
 Raymond Edward Venghaus  
 Ruth Ida Vogel  
 Patricia Lynn Vignolo  
 Susan Brooke Viola  
 Chris Charles Volpp  
 Timothy Craig Walker  
 Barry Michael Wallace  
 Jo Anne Wallace  
 Marie Christine Wallace  
 Jane Baird Wanvig  
 William Hugh Ward  
 Polly Ann Warnick  
 Donnas Kay Weary  
 Richard Phelps Weimer  
 Margaret Ann West  
 Douglas Snow Westwater  
 Carolyn Lansden Whittle  
 Lawrence Scott Wick  
 Susanne Betts Wicks  
 Carolyn Sue Wieder  
 Martha Jane Wild  
 MaryAnn Van Cleve Wilkins  
 Thomas Michael Williams  
 Sandra Maria Williamson  
 Fredrick Vernon Willis III  
 Lyndell Starr Willmann  
 David Russell Wilson  
 Mary Elizabeth Wilson  
 Pamela Joyce Wince  
 Mary Jane Windish  
 Andrew Spencer Winston  
 Judith Ann Winzeler  
 Michael Edward Woehler  
 Patricia Lee Wolcott  
 Timothy David Woo, Jr.  
 Carol Ann Woodruff  
 Janet Lee Workman  
 James Clay Wren, Jr.  
 Jain Lee Wright  
 Elaine Midori Yamada  
 Glen Luke Yates, Jr.  
 Stephen Yeh  
 Nancy Frances Yerbick  
 Julian Arnold Yochum, Jr.  
 Norman George Yunis  
 Alan Edward Zeidman  
 Joel Stephen Zimmerman  
 Floyd Michael Zula

## ONE HUNDRED AND NINTH COMMENCEMENT

### BACHELOR OF PHILOSOPHY

Clarence Melvin Abraham	James Richard McInerney
Larry Bruce Babbitt	Wayne Arthur Meyer
Marion Macdonald Blau	Anne Miller
John Joseph Bogdanský	James Toshiyuki Nakagawa
Janet Cook Baxter Bogie	Merry Fujihara Omori
Barbara June Burkett	Claire Pearse
Bruce Robert Burtner	Sylvia Joyce Kaage Peterson
Diane Hall Castle	Roger Howard Plutz
Charles Frederick Chapman	Shirley Ann Radzik
John William Clark	Marilyn Ziemann Radzickas
Kenolyn Margaret Cowan	Walter Jon Reeder
John Holt Crowley	George Martin Ridgway
Bernice Mae Draper	Nancy Lee Hare Sabiers
Eldred Hopkins DuSold	James Leslie Sandrik
Henry Alfred Ebertshaeuser	Thomas Gerald Schoenberg
Charles Leonard Fenger	Jean Ann Schroeter
Arthur Robert Gollberg	Arthur Carl Schumann
Marilyn Jean Grinager	Walter Edward Silvey
John Albert Heisey	Donald Joseph Skrabacz
Charles Wallace Huddle	Helen Wanda Buck Sliwa
Gerald Gordon Inglehart	John Efstathius Stamos
Janet Helen Johnsos	Leonard Louis Stoch
Carolyn Edith Katkus	Sigrid Bertha Svendsen
Genevieve Kehl	Benita Takiff
Shirley William Kluge	Mary Toshiye Tanaka
Carol Verdelle Kosner	William Ray Tripp
Patrick Carl Krohn	Deborah Clair Tucker
Donald Kurbat	Frank Kelso Wassom
Henry Klement Langer	John Kent Wiley
Katherine Elisabeth McConnell	

### BACHELOR OF SCIENCE IN GENERAL EDUCATION

Cynthia Dolores Baran	Donald Kent Ramsey
Edward Downey Carpenter	Charles Robert Seckinger, Jr.
Alice Adrienne Hoos	Georgette Accia Terren
John Charles Matazel	

## THE SCHOOL OF MEDICINE

*Candidates presented by* DEAN RICHARD H. YOUNG

### DOCTOR OF MEDICINE

James U. Adelman	Thomas Allen Broadie
Edward Stephen Amis, Jr.	R. Kent Bryan
Robert Harold Bade	Ronald Mathew Bukowski
John Clement Baker	Andrew David Bunta
Eugene Andrew Bauer	Frank Newton Burt
Gail Max Benson	Clifford Wayne Callaway
James Thomas Berryman, Jr.	David Ronald Claypool
Jay Crispin Bisgard	Larry Lee Coble
Edwin Eastland Boldrey	Donald Sloan Coleman
Donald Haywood Brancato	Stephen Stanford Cox
James Breihan	Winston Douglas Crabb



# NORTHWESTERN UNIVERSITY

Robert Montgomery Craig  
 William Charles De Wolf  
 Daniel Stephen Duick  
 Samuel Douglas Dye  
 Daryl Roy Erickson  
 Jon Scott Fantz  
 Richard Alan Fefferman  
 Richard Allan Flom  
 William Charles Foote  
 Robert Francis Frederickson  
 Michael Lange Friedman  
 Gordon Andrew Fuqua  
 Harry Kenneth Genant, Jr.  
 George Stuart Glass  
 Gerard Martin Goshgarian  
 Rex Coleman Gromer  
 Corwin Peter Groom  
 \*John William Gustaitis  
 Gene Thomas Hamilton  
 Mary Kathryn Hammock  
 Douglas Crowell Hancock  
 James Jesse Hansen  
 John Vincent Hartline  
 Michael Neil Hartnett  
 William Richard Hayden  
 Alan Bruce Hefner  
 Bruce L. Hilger  
 Jerry Roman Hordinsky  
 Albert William Hudson  
 Robert Stephen Huebner  
 Jeffrey Mark Ignatoff  
 Allayne Valerie Kallmann  
 Rochfort Wynn Kearney, Jr.  
 Michael Louis Klein  
 Ray Conway Kolosseus  
 Robert Kotler  
 Charles Joseph Leiphart  
 Robert Watson Lennon  
 Robert David Lerner  
 Robert Louis Levy  
 MacDonald Bruce Logie  
 Keith Eugene Louwenaar  
 Jay Chanan Mall  
 Mary Ann Malone  
 Michael Raymond Marble  
 Philip Walter Marin  
 †Robert Michael Massanari  
 Thomas Gary McCall  
 James Michael McDonough  
 Ernest Eugene Miller  
 Kenneth John Monson  
 Michael Patrick Murphy  
 Barbara Warren Noble  
 David Lee Nordahl  
 Richard Edward Nordgren  
 Thomas Clifford Olson  
 Raphael Ifeanyi Eziafa  
 Onyemelukwe

Ralph Edward Otto  
 Thomas Anthony Pavlovic  
 John Hollis Peacock  
 Mark Jacob Perlow  
 Robert Ole Petersen  
 Stephen Price  
 Aron Primack  
 Charles R. Privitera, Jr.  
 David Theodore Purtilo  
 Carlos H. Ramirez-Ronda  
 Allen Knute Ream  
 Daner Roger Reider  
 Michael Jay Reinstein  
 James Lee Rosenberg  
 Michael A. Rosenberg  
 Michael Jay Rosenthal  
 Richard Lee Roth  
 Ralph Weller Rucker  
 Eileen Alannah McVey Ruder  
 \*Henry Joseph Ruder  
 George Matthew Saviello, Jr.  
 Stephen Linner Seagren  
 William Barry Shore  
 Joseph David Skokan  
 Morton Sumner Skorodin  
 Fred Dale Stahmann  
 \*Jay Gordon Stein  
 Rege Szuts Stewart  
 Robert Malcolm Stewart  
 Michael Fulton Stokes  
 Elizabeth Jean Stone  
 Albert Kales Straus  
 Kenneth Floyd Tempero  
 Stephen John Tempero  
 Arthur Sorrel Tenenbaum  
 Elbert Y. Tomai  
 Roger Alan Van Atta  
 Bruce John Van Dyne  
 \*John Ellsworth Van Kirk  
 Stephanie Von Ammon  
 †Robert Bruce Wallace  
 Kendrick Sho Watanabe  
 Kenneth Scott Wayne  
 †Ira William Weiss  
 Michael A. Well  
 Doris Elizabeth Wellner  
 Betty Teller Werksman  
 Robert Michael Wilkes  
 \*Thomas Quentin Winter  
 Michael Wilkins Witwer  
 Gerald Charles Wrobel  
 Elaine Pearson Young  
 Howard Stearns Young  
 Paul Christopher Young  
 Thomas Kemper Young  
 Henry Chun-Chiang Yu  
 Chester Raymond Zeiss, Jr.

†With highest distinction

\*With distinction

## ONE HUNDRED AND NINTH COMMENCEMENT

### BACHELOR OF SCIENCE IN MEDICINE

Douglas James Adelman	Wayne Front March
Douglas John Anderson	William Hugh Mc Cartney
Ethan Malcolm Braunstein	Jean Ann Mc Johnston
Roger Glenn Brown	Susan Leslie Mc Nair
Michael Joseph Cavanaugh	Eli Kasimir Michaels
Jeffrey David Chulay	Kenneth James Murray
William Anthony Cook	William Joseph Parker
Thomas Paul Cornwall	William Howard Porter
John Farquhar, Jr.	Richard Alan Rak
James David Fuller	Lawrence Malcolm Resnick
Ruth Gandell	Robert M. Ricketts
Robert Alan Goldstein	Thomas Henry Roberts
Bruce Jeffrey Gordon	Rosemary Florence Rodgers
Ethan Geoffrey Harris	Elizabeth Ann Schmehl
Charles Andrew Heiskell	Allan Evan Sosin
Ronald B. Joseph	David Leroy Stevig
Richard Francis Kehoe	Randall Roger Stoddard
Charles Frederick Koopmann, Jr.	Elaine Ann Strobot
Thomas Francis Kravec	Sidney Yassinger
Andrew O. Lewicky	Kamen Nikolov Zakov
Oswaldo I. Lopez	Justin Allen Zivin

### BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Susan Marie Burrows	Mary Kathryn West
Marie Elizabeth Storaasli	Linda Elaine Williams

### BACHELOR OF SCIENCE IN PHYSICAL THERAPY

Mary Ann Baum	Elizabeth Jane Morgan
Constance Joan Carlson	Catherine Ann Reichert
Louise J. Kilar	Frederick John Schneider
R. Bruce Mc Caleb	

## THE SCHOOL OF LAW

*Candidates presented by* DEAN JOHN RITCHIE

### MASTER OF LAWS

Franke Sieger Hazewindus, LL.M., University of Utrecht, 1966.  
Charles Peter Kindregan, J.D., Chicago-Kent College, 1966.  
Andre A. Moenssens, LL.B., Chicago-Kent College, 1966.  
Thomas Jeremiah Murphy, J.D., Northwestern School of Law, 1966.  
Jerry Eugene Norton, J.D., Washburn University, 1962.  
Helmut Sohmen, M.C.L., Southern Methodist University, 1966.

### JURIS DOCTOR

Harold Russell Abrams	David Lincoln Ader
*Sherwin David Abrams	Allan Bruce Ament
Robert Wendell Adams	Albeon Gaius Anderson, Jr.
Thomas Joseph Adams III	Paul Bennett Ankin

\*Cum laude

# NORTHWESTERN UNIVERSITY

Mitchell Fenton Asher  
 \*Jeffrey Frank Axelrad  
 \*Harvey Joel Barnett  
 Thomas Lewis Barton  
 Robert H. Baum  
 \*Bruce Ogle Baumgartner  
 Mark Huelster Beaubien, Jr.  
 James Emmett Beckley  
 \*H. Neil Beller  
 John Alan Bergen  
 Michael Gardner Berland  
 \*John Edward Besser  
 Harold Joel Bressler  
 \*Allen I. Brown  
 \*Hal Murray Brown  
 Leo Edward Bryant II  
 James Terrance Bunch  
 Franklin Scott Bush  
 Barry Steven Cain  
 James Richard Carlson  
 John Henry Cashman, Jr.  
 Joseph Thomas Cesario  
 Nicholas Dean Chabraja  
 Charles Michael Chadd  
 Joel Shane Chernoff  
 Thomas Lloyd Churchwell  
 \*William Henry Clune, Jr.  
 Barry Gordon Collins  
 James Stephen Conniff  
 \*John Edward Corkery  
 Miles Cogley Cortez, Jr.  
 John Joseph Dalton  
 Herold McClure Deason  
 \*Michael Harold Dessent  
 Alfred Louis Didier  
 Joseph Nicholas DiNatale  
 \*Thomas Anthony Dumit  
 \*Edwin Rydell Dunn  
 Jeffrey Franklin Engler  
 Salvatore James Falletta  
 Joseph Carl Fanelli  
 Robert John Farina  
 David Elmer Faust  
 Kenneth Harley Fisher  
 Thomas Eric Funk  
 Ronald Lee Futterman  
 \*David Elliott Garner  
 Donald Lawrence Gimbel  
 Michael Jay Goodkin  
 Richard Samuel Greenlee  
 Robert Charles Grossman  
 Ralph Jacob Gust, Jr.  
 Sophia Harriet Hall  
 Michael Wesley Havrilla  
 Robert Swen Hoberg  
 Charles Lee House  
 Robert William Hriszko  
 \*James Leonard Hunt  
 Morris Chester Hurd  
 Ralph Wickett Huszagh

John Francis Jennings  
 James Thomas Jones  
 \*Arnold Barry Kanter  
 Adam Daniel Kaufman  
 \*Philip M. Kayman  
 Richard Joseph Kennedy  
 Herbert Allen Kessel  
 Neal Michael Kite  
 Eugene Stanley Koster  
 Kenneth Richard Langsdorf  
 Howard Alan Levine  
 George Eric Lieberman  
 Daniel Sanders Linhardt  
 Andrew Charles Lynch  
 \*John Peter Lynch  
 \*Mark Edward MacDonald  
 Stephen Bruce Main  
 Irwin Bruce Mandel  
 James Dennis Marek  
 Walter Matthews  
 Eugene Francis McGuire  
 Harry Melamed  
 Martha Ann Miller  
 \*\*David Trauger Mitzner  
 Barry Leslie Moss  
 John Michael Mulherin  
 Allan Ira Nathan  
 Harvey Alan Nathan  
 Gregory E. Norwell  
 James Dravo Oelschlager  
 James Leo O'Loughlin  
 David Dennis O'Neill  
 Anthony Joseph Onesto  
 Harry Jonathan Pearce  
 Arthur Chris Perivolidis  
 Will Thatcher Peterson  
 William Martin Pfeiffer  
 Charles Arthur Powell  
 \*Robert Joseph Pristave  
 Andrew Davis Robertson  
 Sheribel Florence Rothenberg  
 Herbert Lewis Rudoy  
 Stephen Paul Sandler  
 \*Leon Jerome Schachter  
 James Michael Schneider  
 Charles Frederick Scott  
 Barry Sinton Shanoff  
 \*Bernard Henry Shapiro  
 Michael Stephan Shaw  
 Stanley Joseph Sibell  
 Lawrence Charles Silton  
 Judith Carolyn Smith  
 R. Dillon Smith  
 Charles M. Steinberg  
 \*\*\*Stephen Dennis Sugarman  
 Dewey David Suster  
 M. Shannon Tighe  
 Stuart A. Tobin  
 Richard Stephen Trenkmann  
 Volker Rudolf Ulbrich

\*Cum laude

\*\*Magna cum laude

\*\*\*Summa cum laude

Thomas Charles Waechter  
 \*Arnold Weinberg  
 David Joseph Weiss  
 Lewis Alton Wenzell, Jr.  
 James Kirk Weston  
 \*Wayne Walter Whalen  
 John Tindall Willson

Kenneth Allan Winsberg  
 Peter David Wolf  
 \*Robert Stuart Wolf  
 Dennis James Wortman  
 \*Harry Elbert Youtt III  
 Herbert Erhardt Ziegeldorf

## THE SCHOOL OF SPEECH

*Candidates presented by* DEAN JAMES H. MC BURNEY

### BACHELOR OF SCIENCE IN SPEECH

Ronald Stanley Abramson  
 Stephen Stimmel Angell  
 Ellen Kay Baker  
 Howard Russell Barefield  
 Jon Paul Bascom  
 Lynn Batzar  
 Carol Louise Bauer  
 Catherine Stevenson Beemer  
 Deborah Kathleen Bishop  
 Suzanne Elizabeth Bixby  
 Weldon Boyce Bleiler  
 Claire Dolores Blumenthal  
 Sandra Lee Bodell  
 Andrea Mae Boucon  
 Robert Olen Butler, Jr.  
 Susan Merle Brecker  
 Eugene Edmund Brezany, Jr.  
 Patricia Loyd Bryan  
 Martina Claire Burns  
 Linda Carol Carlson  
 Lawrence Porter Carrington, Jr.  
 Robert Hal Chandler  
 Peter Tenney Coffield  
 Mary Joan Colbach  
 Sharon Ruth Cohen  
 Brian Christopher Coughlan  
 Elizabeth Oliphant Crooks  
 Betty Clark Day  
 Michael Louis Denger  
 Dorothy Diane Dennis  
 Richard Alfred Dienhart  
 Lydia Ann Dillon  
 Helen Nanette Duffin  
 Mary Suellen Estey  
 Mary Arline Evans  
 Susan Garrett Falk  
 Barbara Moder Finkelman  
 Judy Ann Chozen Fox  
 Jean Ann Frizelle  
 Jane Dana Gale  
 Pamela Rhea Gilbreath  
 Richard Allen Gillette

Carol Ann Glista  
 John Carl Gorby  
 Karen Sue Gottlieb  
 Frances Laverne Green  
 Janet Norma Greenstein  
 Randall Dudley Grimm  
 Helen Frost Gutmann  
 Marilyn Beth Gutstein  
 Mary Elizabeth Halford  
 Bonnie Jane Halliday  
 Anne Butterfield Handley  
 Harold Moor Hanna  
 John Robert Hicks  
 David Loren Hood  
 Pamela June Hooten  
 Robert Charles Jackson  
 Renne Gail Jarrett  
 Elizabeth Linnea Johnson  
 Marianne Kachorsky  
 Jane Marguerite Kassing  
 Barbara Jean Katz  
 Mary Margaret Keane  
 Leslie Ann Kelly  
 Jacob Carl Klein  
 Cheryl Kay Kopczyk  
 Susan Donna Konik  
 Kathleen Mary Kougl  
 Beverly Malen Kramer  
 Patricia Ann Landrum  
 Susan Paula Larkowski  
 Arthur Randolph Lauson, Jr.  
 David Vincent Lester  
 Grace Koehler Lewis  
 Daymon Edward Litchfield  
 Miriam Sue Loewenstein  
 Catita Mary Lord  
 Linda Carol Marshall  
 Susan Lenore Maxwell  
 Janis Carol McDaniel  
 Sara Lee Sedgwick McKelvey  
 Elizabeth Menzies Meese  
 Kathryn Marguerite Metzler II

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\*Cum laude

## NORTHWESTERN UNIVERSITY

Mary Elouise Meyer  
Earle Bruce Michael  
Brian Guy Miller  
Wallace John Mlyniec  
Marjorie Irene Moore  
Gary Chester Morse  
Jean Marie Morse  
Ruth Katherine O'Donnell  
Gerri Lee Ornstein  
Jacquelyn Yvonne Osborn  
Chris Mason Palmer  
Virginia Mary Pollard  
Patricia Louise Piper  
Rosalyn Isabel Renken  
Alan Douglas Rettig  
Laura Carroll Robinson  
Peter Alan Rohling  
Joann Barbara Rose  
Jeffrey Alan Rosenberg  
Carla Ann Ross  
Andrea Joan Russell  
Wesley Elder Scharlow  
Ellen Ruth Shapiro  
Marjorie Weishaus Shlaes  
Jerri Ann Siegle  
Amelia Lenhart Smith  
Susan Spiller Smith

Lynn Carol Stanton  
Sandra Lee Staubit  
Cynthia Kay Porter Stefango  
Toni Frances Stein  
Myrna Ellen Steinberg  
Martha Louise Stoner  
Kristine Ellen Strand  
Jerilyn Rae Sundberg  
Alice Taylor  
L. Robert Vermes  
Janet Lea Vogt  
Theodosia Ann Wade  
Nancy Kay Warren  
Linda Margaret Watt  
Irma Sue Welch  
Gail Lee West  
Thomas Fox Wettengel  
Brenda Suzanne Wexler  
Robert M. Wexler  
Celia Ann Williams  
Donna Lee Wilson  
Joan Bette Winter  
Terry Grady Wood  
Richard Ellsworth Wyckoff  
George Herbert Yahraes  
Barbara Edith Yoder

## THE SCHOOL OF DENTISTRY

*Candidates presented by* DEAN GEORGE W. TEUSCHER

### DOCTOR OF DENTAL SURGERY

Alfred Paul Adams  
Robert Roy Anderson  
Ross S. Armatage  
Gregory Stohl Arnett  
Lawrence J. Aronson  
Grace Mary Baliunas  
Nicholas M. Bitar  
Oscar Daniel Bluth  
Russell L. Casement  
Paul Lorin Child  
Irvin W. Christopher  
David Phelps Cutler  
Norman De Jong  
Robert Lawrence Dicus  
Nelson Richard Diers  
Douglas Hough Doughty  
Kenneth Michael Feldman  
Elwood D. Fink  
Thomas Anthony Ganetis, Jr.  
Donald Eugene Gardner  
David Paul Garrett  
Jeffrey A. Greene

James B. Hall, Jr.  
Stanton Harris Hall  
Keith C. Harada  
William Arthur Hunter  
Donald R. Joondeph  
Robert Benning Julius  
Arden Grant Kitchen  
Ronald S. Krolik  
Steven Howard Labkon  
Ernest John Lazin  
Richard E. Leiber  
Nicholas Michael Lewis  
John Banks Ludwig  
George Marvin Marsh, Jr.  
James William McCulley  
David Albert Ness  
Peter Christian Nissler  
Peter Jefferson Olsen  
James Richard Ott  
Bernard Carl Pecaro  
Peter P. Popovitch  
Frederick L. Robinson



Robert Michael Rosenberg  
Edward Hideki Ryono  
Robert Arthur Sandusky  
Stuart Irwin Singer  
James Edmund Sweet II  
Fredric S. Tatel

Lloyd Byler Urban II  
Michael Vold  
Richard Grant Wells II  
John Coates Whitley  
Andrew Woo

## THE SCHOOL OF MUSIC

*Candidates presented by* DEAN GEORGE HOWERTON

### DOCTOR OF MUSIC

*With Titles of Projects*

Robert Edgar Pennington, B.M., Northwestern University, 1953; M.M., 1955. *A Study of Beethoven's Use of Sonority in the Variations of Opus 26, Opus 111, and Opus 120; A Study of Bach's Use of Baroque Styles in the Goldberg Variations; The Uses of Folk Song in a Selected Group of Piano Compositions by Villa-Lobos and Bartok.*

### MASTER OF MUSIC

Lynne Carol Bradley, B.S., Northwestern University, 1964.  
Thomas Michael Brawley, B.M., Greensboro College, 1965.  
Margaret Anne Hughes Brink, B.M., Northwestern University, 1966.  
Philip Edward Brink, B.M., Northwestern University, 1966.  
Mary Patricia Canaday, B.A., Immaculate Heart College, 1966.  
Mary Lou Coyle, B.M., DePauw University, 1966.  
Nancy Carolyn Daniel, Mus. B., Oberlin College, 1965.  
Sylvia Kay Dieterichs, B.M.E., Northwestern University, 1966.  
Dorothy Schalm Dunning, B.M., B.M.E., Oberlin Conservatory of Music, 1939.  
Connie Lee Frame, B.M.E., Northwestern University, 1962.  
Karen Frederickson, B.M., University of Rochester, 1966.  
Rosemary Hekman Good, A. B., Hope College, 1966.  
Charles Marx Gottschalk, B.M.E., De Paul University, 1964.  
Donald Neil Gray, B.M., Simpson College, 1965.  
Fanny Adelaide Hassler, Ph.B., University of Chicago, 1937.  
Sammie Swanson Hill, Jr., B.M., University of Alabama, 1966.  
John Edward Hohl, B.S., State University of New York (Fredonia), 1966.  
Mary Ann Holman, B.M., Northwestern University, 1966.  
Antoinette Cook Keet, B.M., Northwestern University, 1966.  
Kenneth Wayne Hopper, B.M., Oklahoma City University, 1966.  
Edwin LaFontaine Kemp III, B.M., Northwestern University, 1966.  
Hai Ja Kim, B.M., Ewha Womans' University, 1963.  
Donna Taylor Krislov, B.S., Juilliard School of Music, 1951.  
Maria Bahas Lagios, B.M., University of Michigan, 1966.  
Ryunghy Agatha Lee, B.M., University of Missouri, 1965.  
Darleen Louise LeMicux, B.M., DePaul University, 1966.  
David Wayne Locke, B.M., St. Olaf College, 1965.  
Susan Nalbach Lutz, B.M., B.M.E., Northwestern University, 1965.  
Dale Duane Marrs, Bachelor's equiv., Staatliche Hochschule für Music (Frankfurt), 1966.  
Joy Medler Mattern, B.M., Northwestern University, 1966.  
Lawrence Francis McDonald, B.M.E., Northwestern University, 1964.

## NORTHWESTERN UNIVERSITY

Roger Boyd Mills, A.B., Ripon College, 1964.  
 Donald Keith Moely, B.S., University of Wisconsin, 1963.  
 Sister Elizabeth Mary Mueller, B.V.M., B.A., Mundelein College, 1965.  
 Kenneth Alan Mueller, B.M., Lawrence College, 1963.  
 Karen Lee Nelson, B.A., Northland College, 1964.  
 Eleanor Esther Osborne, B.A., Mary Washington College, 1963.  
 Nancy Ann Raich, B.M., De Paul University, 1966.  
 Robert Burel Ravenscroft, B.M., Northwestern, 1964.  
 Brenda Roberts, B.M., Northwestern University, 1965.  
 James Ferdinand Ross, B.M., De Paul University, 1966.  
 Robert Warren Rothwell, B.S., University of Wisconsin, 1966.  
 Nancy Rowland, B.M., Wesleyan College, 1966.  
 Jeanne Ellen Rugg, B.A., B.M., University of Redlands, 1965.  
 Richard Norman Shattuck, B.M., Boston University, 1966.  
 Marsha Graff Shuman, B.M.E., Northwestern University, 1962.  
 Marion Brown Stone, Mus.B., Oberlin Conservatory of Music, 1936.  
 Lois Jean Turbitt, B.M., Northwestern University.  
 Carol Belle Vanderbilt, A.B., Vassar College, 1966.  
 Bingham Lafayette Vick, Jr., B.A., Stetson University, 1966.  
 Judith Margaret Wells, B.A., Mary Washington College, 1966.  
 William Freestate Wharton, B.A., Trinity College, 1966.  
 Byron Kiyoshi Yasui, B.M.E., University of Hawaii, 1965.

### BACHELOR OF MUSIC

Jack Paul Abell	David Louis Hoffman
Gail Janet Berenson	Sylvia Ann Hubbard
Michèle Faye Brouman	Sheryl Ann King
Elizabeth Lawrence Burke	Sharon Kay Kosloske
Fredric Mark Enenbach	Sharon Jane LaRocca
Diane Elise Evens	Kenneth Paul Pristash
Dorothy Marie Fuchs	Judith Ann Ruppel
Susan Louise Greenwald	Gail Elliott Webb

### BACHELOR OF MUSIC EDUCATION

Jane Ruth Angelus	James Radford Kasprzyk
Robert Lee Bowker	Cary John Koubek
Harriette Goldstein Brezinsky	Louis Roland Magor
James Edward Dawson	Clifford Otto Nielsen
Victoria Pamela de Lissovoy	James Dwight Schanilec
Carol Sue Finney	Sussan Dawn Schuessler
James William Gordon	David Gary Schwaegler
Blanche Sedgwick Hall	Martha Petersen Swanson
Charles Brewster Hawes	Martha Mildred Taylor
William Oscar Horn	William Jay Waldron
Terry Burton Isaac	Gerasim Warutian
Lillian Adalene Jones	Betty Louise Wenzel

## THE SCHOOL OF BUSINESS

*Candidates presented by* DEAN JOHN A. BARR

### MASTER OF BUSINESS ADMINISTRATION

Dennis Aeschlimann, B.S.B.A., Northwestern University, 1966.  
Jay M. Anderson, B.A., University of Utah, 1965.  
Larry Lee Anderson, B.S.M.E., Northwestern University, 1960.  
Alan Andler, A.B., Syracuse University, 1965.  
Philip Edward Arnold, B.A., Northwestern University, 1959.  
Richard Stuart Balestrery, B.S.B.A., Northwestern University, 1959.  
William James Banks, B.S.B.A., Northwestern University, 1950.  
Harry Lackner Barr, Sc.B., Brown University, 1965.  
Howard Joseph Bauer, A.B., University of Michigan, 1952.  
\*Robert Martin Bear, B.S.B.A., Kent State University, 1965.  
Donald Harvey Bentsen, B.S.B.A., Northwestern University, 1962.  
Bruce Arthur Bernberg, B.S.B.A., Marquette University, 1966.  
Brian Adams Berris, B.S.B.A., University of Nebraska, 1966.  
James D. Berry, Jr., B. Mus., University of Michigan, 1951; M. Mus., University of Michigan, 1953.  
Jeffrey Stevens Blair, B.Mgt.E., Rensselaer Polytechnic Institute, 1965.  
Peter Bernhardt Bliven, B.S.E.E., Stanford University, 1963; B.A., Claremont Men's College, 1963.  
Phillip Leon Bond, B.S., Indiana University, 1959.  
Thomas O. Brant, B.S., Western Illinois University, 1959; M.S., University of Illinois, 1961.  
Richard Ralph Brear, B.S.M.E., Stanford University, 1965.  
William Patrick Brennan, B.S.M.E., Illinois Institute of Technology, 1963.  
David Gayheart Brewick, B.A., North Park College, 1965.  
Thomas Bow Brighton, B.S., Brigham Young University, 1966.  
Robert J. Broda, B.S.E.E., Northwestern University, 1962.  
Gregory Winfield Brown, B.S., Iowa State University, 1957.  
James Louis Brown, B.S.I.E., Northwestern University, 1962.  
Jerald Albert Busick, B.S., University of Washington, 1964.  
Paul Alfred Busse, B.A., Valparaiso University, 1964.  
Philip Andrew Carraro, B.S.B.A., Northwestern University, 1966.  
Richard Alden Cheu, A.B., Stanford University, 1959; M.A., University of Oregon, 1961.  
Joseph Virgil Collina, B.S., Purdue University, 1961.  
David George Collins, B.S.B.A., Northwestern University, 1964.  
James Wagner Collins, Jr., B.S.B.A., Northwestern University, 1966.  
David John Conville, B.S.M.E., Northwestern University, 1960.  
Tom Miller Corkill, B.S., Cornell University, 1965.  
Gregg Allan Corliss, B.A., Valparaiso University, 1961.  
John Glenn Cornwell, B.B.A., University of Wisconsin, 1959.  
Andrew Clune Corrinet, B.S., Boston College, 1966.  
William Gruman Cox, B.S.E., Princeton University, 1965.  
Rodney Carl Dahlin, B.S.I.E., Northwestern University, 1965.  
\*Walter Edward Deuchler, B.S., University of Illinois, 1951.  
Phyl Jay DeWolf, A.B., Stanford University, 1965.  
Roger G. Dirksen, B.A., North Park College, 1962.  
Richard Robert Donnelley III, B.S., Denison University, 1961.  
Robert Anthony Dreys, B.B.A., University of Notre Dame, 1966.  
Richard Francis Dufner, B.S.B.A., Duquesne University, 1966.  
Lawrence Alexander Fain, B.A., New York University, 1963.  
Michael John Fallaw, B.S., University of Illinois, 1963.  
Arthur L. Farmer, Jr., B.S. Petro.Engr., Stanford University, 1959.  
Noel Burton Feldman, B.B.A., University of Michigan, 1966.  
Thomas Hossler Fey, B.S., Pennsylvania State University, 1962.  
Scott H. Filstrup, B.S.C.E., Northwestern University, 1965.

\**With distinction*



# NORTHWESTERN UNIVERSITY

- Frederick Allyn Fitschen, B.A., Denison University, 1961; M.S., University of Wisconsin, 1964.
- Robert Francis Fitzgerald, Jr., B.S., United States Merchant Marine Academy, 1963.
- John Patrick Foley, B.S.B.A., Marquette University, 1954.
- Edward Arthur Fox, B.S.C., Roosevelt University, 1958.
- Dennie Edward Freeman, B.S., Northwestern University, 1949.
- William James Frey, B.S., Purdue University, 1962.
- Richard Satoshi Fuke, B.S., University of Pennsylvania, 1966.
- Warren Kent Fuller, B.A., St. Lawrence University, 1965.
- John Richard Garrahy, Jr., B.S.I.E., Northwestern University, 1958.
- William Frederick Gemmill, B.S., University of Pennsylvania, 1966.
- John Edward Gepson, B.A., Williams College, 1965.
- James Robert Gillespie, B.M.E., Northwestern University, 1964.
- John Golde, B.S., University of Illinois, 1963.
- John Vernon Goodin, B.S.I.E., Illinois Institute of Technology, 1963.
- Edward Steven Gould, B.A., Claremont Men's College, 1965.
- Wayne Cromer Gracey, B.S., Pennsylvania State University, 1950.
- Christian Jean Grassiot, B.S., *Ecole des Cadres du Commerce et des Affaires Economiques* (France) 1965.
- George Lewis Gregg, B.S.E.E., Purdue University, 1959.
- Donald Adam Griffith, B.S.E.E., University of Cincinnati, 1965.
- Edmund Clark Grimes, B.S.I.E., Northwestern University, 1965.
- Frederick Edward Grimm, B.S.C., Loyola University, 1950.
- Michael Irwin Groner, B.S., University of Illinois, 1966.
- Patrick Emile Halbers, B.S., *Ecole des Cadres du Commerce et des Affaires Economiques*, (International Commerce), France, 1962.
- Harold John Handley, B.A., Northwestern University, 1958; M.A., Northwestern University, 1959.
- Richard Dudley Hanson, B.A., Dartmouth College, 1964, B.M.E., Thayer School of Engineering, 1965.
- Scott Walden Harris, B.S., University of Illinois, 1966.
- Robert Frederick Hartmann, B.S.Met.E., University of Cincinnati, 1962.
- H. Kenneth Hatter, B.S.B.A., Eastern Michigan University, 1957.
- Richard Louis Hauser, B.S.E.E., University of Illinois, 1963.
- Carl Christian Heintel, Jr., B.S.B.A., John Carroll University, 1965.
- David Alan Helfers, B.S.I.E., Northwestern University, 1958.
- Lawrence Kent Hellman, B.S., Washington and Lee University, 1966.
- Emile Francis Hertzog, B.A., Principia College, 1956.
- Osamu Hirano, B.A., Keio University (Japan), 1963.
- James Bert Holmes, B.A., Denison University, 1965.
- Richard Fuller Hough, B.S.B.A., Northwestern University, 1966.
- Ronald LeRoy Hubrich, B.B.A., Loyola University, 1966.
- Jon Noble Huntzicker, B.A., DePauw University, 1961.
- Richard Hale Huson, B.B.A., Northwestern University, 1963.
- George Howard Isbell, B.S., Miami University (Ohio), 1959.
- Victor L. Jackson, B.S.B.A., Northwestern University, 1948.
- Allen Louis Jaisle, B.S.M.E., University of Cincinnati, 1965.
- David Harold James, B.S.B.A., University of North Dakota, 1965.
- James Beck Jirikow, B.S.B.A., Northwestern University, 1966.
- Albert Madden Johnson, A.B., Grinnell College, 1965.
- Allan Lowry Johnson, B.S.B.A., Northwestern University, 1962.
- Edward Howard Johnson, B.S.I.E., Lehigh University, 1956.
- Charles Mervin Jones, B.S.M.E., Illinois Institute of Technology, 1964.
- Richard Forrest Jones, B.A., Westminster College, 1965.
- Richard Alan Justice, B.S.I.E., Purdue University, 1961.
- Theodore Clement Kauss, Jr., B.B.A., Loyola University, 1963.
- John Carey Keane, B.S.B.A., Northwestern University, 1966.
- Thomas Henry Keller, Jr., B.S., University of Maryland, 1963.
- George Preston Kendall, Jr., B.M.E., Cornell University, 1957.
- Jerome Paul Kenney, B.A., Yale University, 1963.

# ONE HUNDRED AND NINTH COMMENCEMENT

Patrick Joseph Kenney, B.S.Mgt., University of Illinois, 1961.  
 Robert Willard Kilbourne, B.S.B.A., John Carroll University, 1960.  
 John Albert Klein, B.A., Denison University, 1965.  
 Douglas Arthur Kline, B.A., Northwestern University, 1965.  
 John Harry Knoll, B.A., Principia College, 1962.  
 Peter Finkler Koch, B.S., University of Illinois, 1955.  
 Robert C. Kordsiemon, B.S.B.A., University of Arizona, 1965.  
 Billy Hart Kosanke, B.S., University of Illinois, 1955.  
 Robert Cornelius Lannert, B.S.Ind.Mgt., Purdue University, 1963.  
 Gary Wayne Lantz, B.A., California Lutheran College, 1965.  
 Richard Edwin Larmouth, B.A., Rutgers University, 1966.  
 Robert Eric Larson, B.Mgt.E., Rensselaer Polytechnic Institute, 1965.  
 Florian T. Latek, B.S.Bus., Indiana University, 1956.  
 Jerry Hayes Leatham, B.A., Lawrence University, 1965.  
 Leo J. LeClair, B.C.An.S., Iowa State University, 1964.  
 Richard Gilbert Lehrer, A.B., Grinnell College, 1956.  
 Harry Arthur LeMaster, B.S., University of Puget Sound, 1965.  
 Barry Philip Leone, B.A., University of Notre Dame, 1962.  
 Jacques Joseph LePottier, B.S., *Ecole des Cadres du Commerce et des Affaires Economiques* (France), 1962.  
 Harvey Alan Leva, B.S., University of Illinois, 1963.  
 Kenneth Sherman Levin, B.S.B.A., Northwestern University, 1959.  
 Richard Alan Levitt, B.Mgt.E., Rensselaer Polytechnic Institute, 1965.  
 Lawrence Farrell Levy, B.S.B.A., Northwestern University, 1966.  
 James Gary Lewis, B.Comm., Queen's University (Canada), 1966.  
 John Hamilton Licht, B.S., Stanford University, 1965.  
 Stephen Paul Lightman, B.A., Southwestern University, 1965.  
 Donald William Lohrentz, B.A., Valparaiso University, 1958.  
 Michael Joseph Long, B.S., University of Colorado, 1966.  
 William Robert Lucas, B.A., Bethany College, 1958.  
 Marvin August Lundberg, B.S.I.E., Northwestern University, 1955.  
 Frederick Grant MacEachron, B.A., Michigan State University, 1962.  
 William Joseph Mammoser, B.S., Georgetown University, 1954.  
 Steven Z. Marglous, B.S.B.A., Washington University, 1964.  
 Harvey Mark Margolis, B.B.A., University of Wisconsin, 1966.  
 Curtis Henry Marker, B.S.E.E., Purdue University, 1965.  
 David Hayner Marshall, B.S.Bus., Miami University, 1954.  
 David Fred Marvin, B.S., University of Illinois, 1963.  
 John Wayne McArtor, B.A., University of Kansas, 1965.  
 Hunter Colby McClure, A.B., Gettysburg College, 1951.  
 William Robbins McGovern III, B.M.E., Marquette University, 1959.  
 Thomas Francis McGrath III, A.B., John Carroll University, 1965.  
 John Philip McGraw, B.S.Ch.E., Purdue University, 1965.  
 Wayne Leonard McLean, B.S.Bus., Indiana University, 1960.  
 John Davis McMillan, B.S.B.A., Northwestern University, 1966.  
 Gordon Russell McNutt, Jr., B.B.A., University of Texas, 1966.  
 William Alan Mendenhall, B.A., Colorado College, 1965.  
 Kenneth Jay Mesec, B.S.S.E., Northwestern University, 1962.  
 Kenneth John Meyers, B.S.Ch.E., Michigan Technological University, 1962.  
 Bruce August Michel, B.S.B.A., Roosevelt University, 1964.  
 Charles John Michelson, Jr., B.S.Ch.E., Purdue University, 1963.  
 Patrick Edwin Milks, B.S.E.E., Northwestern University, 1958.  
 Percy Duncan Mims, B.S.M.E., Texas A & M University, 1961.  
 Donald Albert Mnichowicz, B.S.E.E., Northwestern University, 1962.  
 Roger Alan Molzahn, B.A., Yale University, 1965.  
 Richard Mark Montague, B.A., University of Chicago, 1963.  
 William Eli Morgan, B.S.M.E., Massachusetts Institute of Technology, 1965.  
 William Whitney Morgan, A.B., Colgate University, 1965.  
 Thomas Robert Mott, B.S.M.E., Northwestern University, 1965.  
 Joseph William Murray, B.S., University of Colorado, 1966.  
 Gary Edward Nei, A.B., Ripon College, 1965.  
 Craig Rodney Nelson, B.A., DePauw University, 1962.

- Allan Michael Nieder, B.B.A., University of Wisconsin, 1966.  
 James Adam Nolte, B.A., Principia College, 1965.  
 Michael George Norman, B.S.Ch.E., University of Illinois, 1959.  
 David Clarence Ochsner, B.M.E., University of Minnesota, 1963.  
 Ralph Lewis Olsen, A.B., Harvard University, 1959.  
 Robert William Olsen, B.S.M.E., Northwestern University, 1965.  
 Jerome Herman Onan, B.A., Cornell College, 1957.  
 Robert Harold Ottesen, B.A., Denison University, 1964.  
 Gerald Edward Pam, B.S., University of Illinois, 1962.  
 Brian Lee Patterson, A.B., Ripon College, 1965.  
 Garry Warren Pettis, B.B.A., University of Washington, 1962.  
 Thomas Mark Potrykus, B.S., Northwestern University, 1964.  
 T. Earl Poulson, Jr., B.S. and B.B.A., University of Wisconsin, 1963.  
 Robert John Procter, B.S.C., DePaul University, 1949.  
 Robert Wilfred Puetz, B.S., Indiana University, 1963.  
 Peter Michael Ramsey, B.A., Colorado College, 1965.  
 Robert James Reichner, B.S.B.A., Duquesne University, 1966.  
 Theodore Joseph Reseck, B.S.I.E., Northwestern University, 1961.  
 David Winfield Rhoades, B.S., University of Arizona, 1962.  
 James Michael Roberts, B.A., California Lutheran College, 1965.  
 Steve Rodabaugh, B.A., Manchester College, 1962.  
 Morton I. Rosen, B.S., Illinois Institute of Technology, 1963.  
 Bruce James Roth, B.S.B.A., Northwestern University, 1966.  
 Robert John Roth, B.S., Valparaiso University, 1958.  
 Robert Mason Sadler, B.S.M.E., Northwestern University, 1953; M.S.M.E., Northwestern University, 1956.  
 Jerome Morris Sandvig, B.S.B.A., Virginia Polytechnic Institute, 1955.  
 L. Dean Scane, B.S.B.A., Northwestern University, 1961.  
 David Mitchell Schoenwetter, B.S., University of Chicago, 1965.  
 Philip James Schoner, B.S.Ch.E., Purdue University, 1965.  
 Ronald Merritt Schutz, B.S., University of Illinois, 1964.  
 Frederick Frank Schwertfeger, B.S., University of Wisconsin, 1965.  
 Carmen Sgarlata, B.B.A., Northwestern University, 1963.  
 David Matthew Shade, B.S., Miami University (Ohio), 1966.  
 John Gardner Shillestad, B.B.A., Northwestern University, 1964.  
 Richard Charles Shusha, B.A., DePauw University, 1965.  
 Hector Ramon Silen Arostegui, B.S., University of Pennsylvania, 1962.  
 Gary Alan Silvers, B.S.B.A., Roosevelt University, 1966.  
 Joseph Stephen Simon, B.S.C.E., Duke University, 1965.  
 Louis John Skriba, A.B., St. Procopius College, 1964; B.S.M.E., University of Notre Dame, 1965.  
 Roy Edward Smillie, B.S., University of Washington, 1961.  
 John Edward Snow, B.A., DePauw University, 1965.  
 Henry Griswold Spellman, B.S.B.A., Northwestern University, 1965.  
 \*Jon Woodward Spelman, B.S.M.E., Iowa State University, 1962.  
 Robert Freeman Spindell, Jr., B.A., University of Virginia, 1965.  
 Edward Fred Sprague, B.A.I.M., Purdue University, 1965.  
 Keith Arthur Stadtmueller, B.A., Wartburg College, 1963.  
 Carl Robert Steiner, B.A., University of Illinois, 1957.  
 Roger Thompson Stelle, B.S.B.A., Northwestern University, 1966.  
 John Edward Suster III, B.A., DePauw University, 1962.  
 James Weller Sweeney, B.S., U.S. Naval Academy, 1955.  
 Yuji Takeuchi, B.A., Tokyo Metropolitan University (Japan), 1963.  
 Ronald J. Teichman, B.S., Illinois Institute of Technology, 1966.  
 Seymour Teitelbaum, B.S.B.A., Northwestern University, 1959.  
 James S. Templeton, B.S.I.E., Stanford University, 1965.  
 James Alvin Tewes, B.S.B.A., Marquette University, 1966.  
 Richard Alan Thompson, B.S.B.A., Northwestern University, 1957.  
 Neil Lee Tuber, B.S., Illinois Institute of Technology, 1964.  
 Bruce Alan Turkstra, A.B., Hope College, 1965.  
 Dan Edward Turnquist, B.A., Carleton College, 1965.

\*With distinction

## ONE HUNDRED AND NINTH COMMENCEMENT

Leslie Franklin Unger, B.S.B.A., Northwestern University, 1964.  
 Jerome I. Unick, Ph.B., Northwestern University, 1948.  
 Theodore Francis Unton, B.S., Illinois Institute of Technology, 1966.  
 Thomas Donald Vana, B.S.B.A., Northwestern University, 1960.  
 Charles Gerron Vartan, B.S.B.A., Northwestern University, 1966.  
 Gary Otis Vavak, B.S.B.A., Northwestern University, 1962.  
 James Richard Venner, B.S.E.E., Case Institute of Technology, 1965.  
 James Joseph Vollinger, B.S., DePaul University, 1966.  
 Raymond Alexander Voss, B.S.E.E., University of Illinois, 1957.  
 Paul James Wahlman, Jr., B.S., Purdue University, 1960.  
 William Crane Washburn, Jr., B.S., Washington and Lee University, 1963.  
 Lorne Rudolph Waxlax, B.B.A., University of Minnesota, 1955.  
 Edward Joseph Wegrzyn, B.A., DePaul University, 1964.  
 Michael Robert Weinman, B.S., New York University, 1966.  
 William Harvard Weiskopf, B.S.B.A., Northwestern University, 1960.  
 Stanley Maurice Weiss, B.S.M.E., University of Illinois, 1960.  
 Allan James Weitzenfeld, B.S.E.E., Purdue University, 1963.  
 Cameron Philip Welles, B.S.B.A., Northwestern University, 1966.  
 Lyman Robert Wells, B.S., Northwestern University, 1936.  
 Richard Alan Werbel, B.S.B.A., Northwestern University, 1966.  
 Leon Jeffrey White, B.S., University of Illinois, 1966.  
 Michael Francis White, B.S.Ch.E., Purdue University, 1965.  
 William Glenn White, B.S., Purdue University, 1962.  
 David Eric Wilhelmsen, B.A., Rice University, 1965.  
 James Colehour Wilkins, B.A., Concordia College, 1937.  
 Lee Donald Williams, B.S.B.A., Northwestern University, 1966.  
 James Kern Willson, B.S.C.E., Purdue University, 1965.  
 Donald Scott Wilson, B.A., Northwestern University, 1965.  
 Kenneth Allen Winge, B.S.B.A., Northwestern University, 1962.  
 Richard M. Wohl, B.S., Michigan State University, 1965.  
 Robert Peter Wolter, B.A., University of Notre Dame, 1964.  
 Donald Craig Wood, B.A., University of Delaware, 1959.  
 Mark Fairfield Woodward, B.S., University of Colorado, 1966.  
 Terence Walter Zawacki, B.B.A., Loyola University, 1966.  
 Horacio Benjamín Zertuche Lund, *I.Q.A. (Chem. Admin. Eng.), Instituto Tecnológico y de Estudios Superiores de Monterrey, Mexico*, 1961.  
 Lawrence Thomas Zielonka, B.S., Illinois Institute of Technology, 1963.  
 Charles Francis Zub, B.M.E., Union College, 1965; B.A., Union College, 1966.

### BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Daniel Peter Anderson David Carl Anderson William Michael Anderson Daniel Davis Arndt Lee Carl Assenheimer William Arnold Bauman John Henry Beirise Thomas Louis Benedict Michael David Bennett Richard James Boland, Jr. Richard Louis Burton George Vincent Cimbalo Philip Eugene Clark Dennis Roy Coleman Tex Nicholas Collaros George William Connelly Connie Alice Cox Richard Garrett Crotty Ralph Larry Crutchfield Larry York Dann John Peter Herman Dethman, Jr.	James Michael Dorsch Terry Robert Eberl Fred Harvey Eller Jay Wilson Enyart David Allen Fitz Jeffery Dennis Fox Robert Edward Frank, Jr. John Leander Franquelli John Edward Freed John Henry Gedeon, Jr. Robert William Gibson Anthony Stephen Ginocchio Charles Angelo Giovanetti, Jr. Ronald Carl Giznik David Richard Gleason John Dennis Graham John Stuart Graham David Barry Green Robert Jay Greenwald James Kirkland Greer Arthur Witt Hadley
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# NORTHWESTERN UNIVERSITY

Robert Louis Hampton  
 James Wayne Hartline  
 Peter Hall Heckman  
 Marianne Heffron  
 Alan Louis Heisig  
 James Michael Hodapp  
 George Thwing Holden  
 Lawrence Victor Holmberg, Jr.  
 William Lee Hubbard  
 Thomas Edward Huff  
 John Robert Hummel  
 Thomas Edward Hunsinger  
 Ronald Clyde Iverson  
 James Maurice Jackson, Jr.  
 Kenneth Vincent Jaeggi, Jr.  
 John Anthony Januszewski  
 Douglas Marc John  
 Dennis Alan Kadlec  
 Richard Dennis Kalchbrenner  
 James Harvey Kehl  
 Allen Robert Keller  
 Rodney Earl Knox  
 Charles William Koester, Jr.  
 James Edward Kofron  
 Gregory Michael Kortanek  
 Raymond James Laffin  
 Edward James Lambe  
 Raymond Lance  
 Robert Emmett Lee  
 John William Linster  
 Gilbert Yale Liss  
 Thomas Fraser Macduff  
 G. James Marmel  
 Earle Frederick Marsh  
 John Francis McCabe  
 Robert David McLean  
 John Grant Miller  
 Waldemar Martin Morten  
 Roger Timothy Murphy  
 Thomas Alan Nickles  
 James Carmen Odam  
 Richard John Olson  
 James Thomas O'Neill  
 Robert Earl Otterbacher  
 Samuel Papanek III  
 Jerome Sinclair Paulson  
 Nylan Drew Petterson  
 James Edward Pitman  
 Bruce Marriner Plitt

Thomas Raymond Pomaski  
 Richard Eastburn Potts, Jr.  
 Michael John Radmer  
 Kenneth Charles Ramsey  
 Wayne Alan Richards  
 John Guy Richardson  
 James Albert Roemer  
 Jacob William Ruby  
 George Allison Ryness III  
 Charles Gardiner Salmans  
 Mitchell Harris Saranow  
 James Alfred Sartin  
 Jeffrey Paul Schatz  
 Margarita Evelyn Schmidt  
 William Beauchamp Selman  
 Michael Leonard Sherman  
 Daniel Sideman  
 Jeffrey Alan Silver  
 Richard Eugene Sliwinski  
 William Randal Smith  
 Carl Alanson Spalding  
 Donald Joe Stolper  
 Richard Stuart Sweet  
 Richard Glenn Swennumson  
 John Carl Thiele  
 James Barton Thies  
 Lawrence Kendall Thon  
 Kenneth James Thygersen  
 Harve David Tucker  
 Edward Martin Voelker  
 Douglas Keith Vollmer  
 John Lyon Ward  
 Robert Alan Weber  
 Jeffrey Michael Weiner  
 Tom Nickel Weldon  
 Richard Carl Westergaard  
 Jason Byron White  
 Robert Douglas Whitehill  
 Carl Douglas Wilson  
 William Arthur Wines  
 Warren Roland Wirgau  
 Thomas Jay Wolfe  
 Sandra Lenore Wood  
 Larry Martin Zanger  
 Raymond Frank Zeason  
 Woodrow Wilson Zenfell, Jr.  
 Earl Darryl Zupancic  
 John Roger Zuske

## BACHELOR OF BUSINESS ADMINISTRATION

Karl Leonhard Birkenstock  
 Michael Daniel Broadway  
 Nicholas Barron Burke  
 Richard Arthur Childs  
 Arnold Jay Cogan  
 John Thomas Conroy  
 Patrick Thomas Convery  
 Edward John Cooper  
 Ronald Deane Dale

William Ellis Dell  
 Ralph Joseph Ditchie  
 Patrick Eugene Donald  
 David Leonard Dresser  
 Paul Duda  
 Edward Wayne Dwier  
 Kenneth Lee Eichholz  
 Robert David Erfurth  
 James Richard Ewing

## ONE HUNDRED AND NINTH COMMENCEMENT

George Arnold Finucan	Philip Dennis McShea
George Richard Frayn	William Joseph Mahan
Harvard Akimaru Fujiwara	Paul Laszlo Mariahazy
Charles Patrick Gleason	Earl Leon Marsh
Leonard Gogol	Arlene Nancy Mazurkiewicz
Alan Ira Goldberg	Joseph Frank Mizia
David Gordon	Milton Erwin Morgan, Jr.
Ronald Edward Grove	William Merrick Witmire Mueller
Alan William Hamilton	Donald LaRue Nettles
Raymond Raphael Hannon	Vivian Sierra Osborne
Shyam Charan Hemrom-Majhi	William James Pave
John Douglas Hewitt	Jan Miles Pencik
John George Hoeger	Edward Lenard Poran
Emil Russell Huber	Stanley Edward Przybylski
Gustav Robert Isgren	Joseph Leo Quinn
Ronald Edmund Izydorek	Perry Steven Rindfleisch
Ronald Harold Johnsen	Jack Benhardt Rolff
Donald Hal Kaley	Wayne Herbert Roth
Thomas Maxwell Keller	Jerome George Santowski
Arnold Louis Kien	Eugene Peter Sartore
Walter Hans Kiesel	Robert Bruce Scherer
James Stephen Kinal	Eric Joseph Schimmel
Frederick Arthur Klein	Thomas Joseph Sheehy
Frederick Joseph Kochan	Richard Duane Sikkema
James Andrew Kolz	Bruce Alan Stegman
Vaughn Arakel Koshkarian	Robert Joseph Steininger
Walter Kozlov	Laszlo Gyorgy Stephan
Donald Charles Kraft	Edward Talley Stricker
Edward Aaron Krause	Eugene Boyd Swanson
Horst Gustav Krummel	Elvera Walker Taylor
Ruth Helen Lautenbach	Gordon Lewis Towns
Charles Anthony Lawner	Bob Monroe Tuggle
John Phillip Lenihan	James Harold Veld
Robert Thomas Lohman	Joseph Edward Waddell, Jr.
Kenneth Walter Lossin	Edmund Patrick Windstrup
Donald Joseph Lyons	Lawrence Robert Woodfield
Betty Jean McCabe	

## THE MEDILL SCHOOL OF JOURNALISM

*Candidates presented by* DEAN I. W. COLE

### MASTER OF SCIENCE IN JOURNALISM

Harriette Jean Adelsman, B.S. in Journalism, Northwestern University, 1966.  
Barbara Michiyo Amazaki, B.A., Stanford University, 1965.  
Frank Richardson Barnako, Jr., B.S. in Journalism, Northwestern University, 1966.  
Thomas Sheldon Bird, Jr., B.A., Hobart College, 1966.  
Robert Gordon Bluth, B.S. in Journalism, University of Utah, 1966.  
Catherine Mary Boyle, A.B., St. Joseph's College (West Hartford, Connecticut), 1965.  
Gary Bernard Braasch, B.S. in Journalism, Northwestern University, 1966.  
William Terrell Campbell, B.A., University of North Carolina, 1966.  
Thomas Hilton Carey, B.A., College of the Holy Cross, 1966.  
John Edward Caspari, B.S., Wisconsin State University (Whitewater), 1966.  
Wincell Richard Chady, Jr., B.A., Grinnell College, 1966.  
Alan Howard Chalet, B.A., Rutgers University, 1965.  
Carol Margaret Christman, B.A., Bowling Green State University, 1941.

# NORTHWESTERN UNIVERSITY

Mark Francis Clark, A.B., St. Joseph's College (Philadelphia), 1966.  
 Jon Lorentz Clemmensen, B.A., Rutgers University, 1966.  
 Warren David Colman, B.S. in Journalism, Northwestern University, 1966.  
 Arnold Phillip Consdorf, Jr., B.S. in Journalism, Northwestern University, 1966.  
 Gerald Stephen Czerak, B.A., DePaul University, 1966.  
 Michael John Davies, A.B., Georgia State College, 1966.  
 William Watt Donnell, B.S. in Journalism, Northwestern University, 1966.  
 Paul Creer Driggs, B.A., Brigham Young University, 1966.  
 Daniel Bruce Droegge, B.S. in Journalism, Northwestern University, 1966.  
 Joseph V. Elamanamadathil, M.A., Maharaja's College of the State University of Kerala (India), 1962.  
 Thomas Richard Patrick Engel, B.A., College of St. Thomas, 1966.  
 Daniel Lawrence England, B.S. in Communications, University of Illinois, 1966.  
 Carole Ann Etzler, B.S. in Journalism, Northwestern University, 1966.  
 Roger Straus Feldman, B.S. in Business Administration, Roosevelt University, 1966.  
 Michael Raymond French, B.A., Stanford University, 1966.  
 Thomas Edward Girard, B.S. in Communications, University of Illinois, 1966.  
 Susan Audrey Goldenberg, B.A., University of Toronto, 1966.  
 Felix Frank Gutierrez, B.A., Los Angeles State College, 1966.  
 George Elliott Haber, B.A., Brooklyn College, 1965.  
 Gregory Joseph Harrell, B.S., Ball State Teachers College, 1963.  
 Jeremy Harrington, B.A., Duns Scotus College, 1955; M.A., Xavier University, 1964.  
 John William Heath, B.S. in Journalism, Northwestern University, 1966.  
 Jane Ann Hollingsworth, B.S., University of Wisconsin, 1963.  
 Daniel Patrick Howells, B.S. in Journalism, University of Utah, 1966.  
 Allen David Jaklich, B.A., Northwestern University, 1963.  
 David William Jones, Jr., B.A., Yale University, 1966.  
 Michael L. Jones, A.B., Georgia State College, 1965.  
 Anna Jeanne Jordan, B.A., Roosevelt University, 1957.  
 Donna Ellen Joy, A.B., Knox College, 1957; A.M., University of Chicago, 1960.  
 Harriet M. Kandel, B.S. in Journalism, Northwestern University, 1966.  
 James Lamport Kaplan, B.A., Yale University, 1966.  
 Martin Allen Kaye, B.S. in Business, Miami University, 1966.  
 Edward Michael Kimbrell, B.S. in Journalism, Northwestern University, 1961.  
 Howard William Kissel, A.B., Columbia University, 1964.  
 John Alexander Lack, B.S., Boston University, 1966.  
 Philip Ray Landrum, A.B., Grace College, 1960.  
 Martha Anne Lane, B.A., Whitworth College, 1964.  
 Andrew Hogarth Malcolm, B.S. in Journalism, Northwestern University, 1966.  
 Howard Sorel Marks, B.A., University of Illinois, 1966.  
 Richard Maschal, B.S., Saint Peter's College (Jersey City, New Jersey), 1966.  
 Mary Ann Maskery, A.B., University of Detroit, 1963.  
 Evan Lowell Maxwell, B.A., University of California, 1965.  
 Laura Gaye McEachern, B.A., Central Washington State College, 1961.  
 David Lee McGinty, B.A., Carleton College, 1966.  
 J. Robb McPherson, B.A., Rockford College, 1966.  
 James William McVey, A.B., Knox College, 1966.  
 Kenneth T. Metzler, B.S., University of Oregon, 1956.  
 Constance Grant Meyers, B.A., Smith College, 1955.  
 Nancy Carol Mittelsteadt, A.B., Barnard College, 1964.  
 Dennis James Murray, A.B., 1963; M.A., 1966, Maryknoll Seminary.  
 Eugene Donald Myslenski, B.A., University of Notre Dame, 1966.  
 Richard Owen Nemec, A.B., University of Southern California, 1966.  
 Stephen Roy Oda, B.S. in Journalism, Northwestern University, 1966.  
 Priscilla Inez Pagano, B.A., American University, 1965.  
 John Paul Payton, B.S. in Journalism, Northwestern University, 1957.  
 Robert Michael Payton, B.S. in Business Administration, University of North Carolina, 1966.  
 John James Perkins II, A.B., Indiana University, 1964.  
 William Royce Peterson, B.A., Hamline University, 1965.  
 David Lee Rehder, B.S. in Journalism, Northwestern University, 1966.  
 James Lee Reinish, B.A., University of Michigan, 1966.

## ONE HUNDRED AND NINTH COMMENCEMENT

David Raymond Richert, B.S. in Journalism, Northwestern University, 1966.  
 James Timberlake Robison, B.S. in Journalism, Northwestern University, 1966.  
 Robert Edward Rohlwing, B.A., Western Illinois University, 1966.  
 Neil David Rosenberg, B.A., Washington University, 1966.  
 Janice Anne Rotchstein, B.A., San Diego State College, 1966.  
 Roy C. Russell III, B.A., Stanford University, 1965.  
 Thomas Patrick Sabin, B.S., University of Illinois, 1964.  
 Susan Lee Salzer, A.B., Brandeis University, 1966.  
 Thomas Sand, B.A., University of Pittsburgh, 1965.  
 Stuart Alan Schwartz, B.S. in Journalism, Northwestern University, 1966.  
 Martin Jay Schwartzman, B.S. in Journalism, Northwestern University, 1966.  
 Paul Schwendeman, B.A., Carleton College, 1966.  
 David Laing Sibbet, A.B., Occidental College, 1965.  
 Dale Harold Smith, B.F.A., Denison University, 1965.  
 Josiah Paul Smith, B.S. in Journalism, University of Utah, 1966.  
 Ruthe Begun Stein, B.S. in Journalism, Northwestern University, 1966.  
 Michael Jay Stern, B.S., University of Wisconsin, 1965.  
 Bella Marie Stumbo, B.A., University of Denver, 1965.  
 Michael Warren Sund, A.B. in Journalism, San Diego State College, 1966.  
 Jack Buxton Swanson, B.S. in Journalism, Northwestern University, 1966.  
 Edward Harley Thiele, B.S. in Journalism, Northwestern University, 1966.  
 Robert Michael Thomas, B.A., University of Wisconsin, 1966.  
 William Gridley Toland III, B.A., Lewis and Clark College, 1966.  
 Michael Francis Toner, B.A., State University of Iowa, 1966.  
 Alan Jay Topin, A.B., Washington University, 1966.  
 Domini Maristela Torrevillas, B.A., Silliman University (P. I.), 1961.  
 Howard Arthur Tyner II, B.A., Carleton College, 1965.  
 John William Walker, B.S., University of Wisconsin, 1966.  
 Gary Stephen Wallach, B.A., Arizona State University, 1964.  
 William Budge Wallis, Jr., A.B., Brigham Young University, 1966.  
 Michael Russell Whitney, B.S. in Journalism, Northwestern University, 1966.  
 Edward L. Wright, B.A., Vanderbilt University, 1961.  
 Esther Horn Zimmerer, B.A., Roosevelt University, 1950.

### BACHELOR OF SCIENCE IN JOURNALISM

Nancy Williams Adair	Brooks Howard Dyer
Kathleen Margaret Ahlfeld	Diane Duval
Lorena Mei Lin Akioka	Ellen Eshbach
George Arthur Bailey, Jr.	Nick Charles Farina
Linda Ruth Becker	Arlette Fontaine
Talis Janis Bergmanis	William Charles Gallo, Jr.
Victoria Elizabeth Biggs	Roderick Leon Gibbs
Linda Kay Buck	Heidi Marie Gillett
Isabella Mary Burns	Marcia Cornelia Goelz
Susan Bush	Richard Stewart Gore
Robert Randolph Butts	John Michael Greenberger
Arthur Edward Cerf, Jr.	Lois Chase Greene
Katherine Elise Chaddock	Hillary Hellena Hampson
Loren Jan Chudy	Jean Elizabeth Hazelton
Jean Ivie Comerford	Jerome Joseph Idaszak
Dennis Alan Cowals	Nancy Joy Joeckel
James Duane Cummins	Mary Vallance Kanyr
Thomas Lloyd Dahl	Candace Kessel
Karen Lynn Dardick	Carolyn Kline
Joseph Charles Davis	Pamela Korsmeyer
Kathleen Gillroy Dieckmann	Maria Antoinette Joanne Kulczycky
Robert Edward Donath	Lois Louise Lachstadter
John Harry Donch	Carol Lawson
Alden Butler Drew	Holly McCord Levy



## NORTHWESTERN UNIVERSITY

Danny Ray Lovely  
Jill May Lovgren  
Cheryl Ann Martindill  
Kathleen Lynne McCoy  
Robert Andrew McVea  
John Vincent Missett  
Darlene June Napady  
David Lee Nelson  
Teresa Ann Norton  
Melvin Wayne Nova  
Ronald Anthony Patafio  
Penny Lou Pitman  
Gregg Wayne Ramshaw  
John David Reiter  
Susan Janet Ronson  
Timothy Dale Schellhardt  
Joan Barbara Schuman  
Nancy Rae Shapiro

Miriam Schram Shapiro  
Anton Calutin Stanis  
Joan Ann Straker  
Dale Easley Taylor  
Richard Teresi  
Mary Virginia Thomas  
Charlotte Ann Tousley  
Marie Elaine Traina  
Joanne Constance Tremulis  
Rosalie Iylene Udewitz  
Peter Craig Vesey  
Michael Robert Wadsworth  
Virginia Ann Walsh  
Susan Bayer Ward  
John Attix Wilson  
Patricia Kate Wilson  
Frances Weinman  
Frank James Zoretich

## THE SCHOOL OF EDUCATION

*Candidates presented by* DEAN B. J. CHANDLER

### BACHELOR OF SCIENCE IN EDUCATION

Joyce Yellin Abrams  
Patricia Mae Allen  
Victoria Arvanitis  
Karen Lee Ballou  
Eileen Diane Baumann  
Andrea Susan Beck  
Laurie Ann Beuhler  
Jean Elizabeth Boehmler  
Georgia Ann Bornhoff  
Susan Ellen Bowman  
Karen Theresa Brakke  
Margaret Louise Brown  
James John Burns  
Elizabeth Helen Cherpak  
Antoinette Kasten Clark  
Nancy Katherine Coit  
Willie Collins  
Lorene Irma Condon  
Joan Senturia Cornblath  
Pamela Anne Cripe  
Marcia Elizabeth Dana  
Ruth Ann Dorrian  
Willa Gray Eagleson  
Marjorie Jean Edmunds  
Nancy Sue Fagel  
Virginia Sue Fagen  
Jo Ann Feige  
Carol Ann Fennema  
Nancy Copeland Firfer  
Holly Gaylord  
Nancy Paget Ginocchio  
Carol Natenberg Gitles  
Sandra Enid Goldberg

Mary Wege Goodwillie  
Clark Edward Graebner  
Mary-Jo Mackenzie Hardy  
Caryl Anne Harris  
Daryl Jean Heitmann  
June Marie Hetler  
Joan Louise Hochschild  
Barbara Ellen Horn  
Nancy Howard  
Janice Maureen Howlett  
Margaret Weston Jones  
Joanne Louise Junor  
Elizabeth Ann Kaufman  
Natalie Ann Koffman  
Mary Elizabeth Kreider  
Sharna Frack Lang  
Esther-Ellen Dluger Levy  
Georgia Liakus  
Patricia Jameson Liberman  
Thomas Lon Mahon  
Judy Goldman Martin  
Marilyn Pickard McCann  
Ann Carol McFeatters  
Ann Kathleen McWayne  
Barbara Ann Milens  
Nicole Dee Miller  
Karen Lorlane Millner  
Geneva Locke Morrell  
Frances Charlene Taneyo Nakao  
Jerrold Scott Nelson  
Sally Ann Newhouse  
Mary Ann Otto  
Wendy Ann Peterson

Katherine Ruth Peterson  
 Nancy Miller Phillips  
 Helen Marie Plant  
 Jesse James Proffitt  
 Justin LeRoy Ramp  
 Marcia Jo Reinitz  
 Fred Joseph Sakri  
 Susan Schaeffer  
 Margaret Frances Schroeder  
 Dennis Roger Seifert  
 Joan Elizabeth Sherbondy  
 Rose Weinberg Silverstein  
 Stephanie Marie Smith  
 Nancy Smythe  
 Tobey Carol Solomon  
 Sarah Margaret Stearns  
 Carol Ann Stockmeyer

George Gig Stump  
 Marcia Ann Teitgen  
 Barbara Jane Thompson  
 Carol Lynn Thompson  
 Carole Reid Thompson  
 Elizabeth Anne Trainer  
 Laurie Skeist Trieb  
 Robert Tubbs, Jr.  
 Frances Beth Tucker  
 Martha Dixon Van Hook  
 Lynnann Laird Wethington  
 Paula Jane Wheaton  
 Sandra Virginia Williams  
 Carla Tolerton Wright  
 Christine Ann Zacek  
 Lynn Snyder Zimmerman  
 Pamela Zolezzi

## THE TECHNOLOGICAL INSTITUTE

*Candidates presented by* DEAN HAROLD B. GOTAAS

### BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Edward Werner Boehmer  
 Gerald Thronson Brower  
 Jerry Keith Brown  
 Robert Ernest Castater, Jr.  
 Ralph C. Dawson, Jr.  
 Gary Patrick Emery  
 Richard Scott Forrest  
 Stephen Drew Glasscock  
 Milton Frederick Valentine  
 Glock, Jr.  
 Bernard Carl Klinke

Richard Leland Koch  
 Robert E. May III  
 Edward John Milbrada  
 Raymond W. Mompier  
 Charles S. Parmele  
 William Jeffrey Pearson  
 Charles George Rogalske  
 Thomas C. Rohrer  
 Stephen L. Thumb  
 Calvin Eugene Willoughby, Jr.

### BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Charles Lee Hart  
 Charles Joseph Pieper  
 Jerry Charles Porter

Michael Dennis Shea  
 Paul C. Smith

### BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Alan H. Aicher  
 Bruce Lawrence Berlet  
 William Rodger Bevan  
 Donald Chandler Blosser  
 Donald Raoul Bouchard  
 Richard Carl Breitzman  
 Richard O. Clark  
 Zane Grey Cole, Jr.  
 Stephen Bruce Cook  
 William Rutledge Decherd

Robert Norman Dreyer  
 Gerald Lawrence Dummer  
 William Roy Edens  
 Larry John Eriksson  
 James Richard Everly  
 Dennis R. Jennings  
 Frank B. Kern, Jr.  
 Kenneth J. King  
 Christopher Charles Kuni  
 James Allan Larsen

NORTHWESTERN UNIVERSITY

Stephen Randall Larson  
James O. Lee  
Frank C. Leichter  
Robert Lemcke Lindsay  
Richard Hugo Mack  
Robert G. McConnell  
Ace McInturff  
Verelyn Arthur Miller, Jr.  
David William Mineck  
Donald J. Nieglos  
Stephen Leslie Nielsen  
Robert Wallen Oliver

Joseph Van Zandt Presson  
Dianne Louise Rice  
William J. Rice  
Michael Arthur Riley  
Ronald Jerrold Root  
Richard M. Sachs  
Alexander William Schneider, Jr.  
Craig William Seitz  
Richard C. Smallcomb  
William DeForest Stewart, Jr.  
Ronald Alston Straw  
Louis J. Vassos

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Michael Manning Andrews  
James Hilton Bickley  
Kenneth W. Chilton  
Ronald Jack Eckhardt  
David Castleman Gibson, Jr.  
William Blair Guis  
Herbert Andrew Hamilton III  
John Patrick Harding  
William Joseph Hermanns  
James Patrick Horan  
William L. Huber  
Jay Alan Johnson

Stephen R. Kennedy  
Walter William Kovalick, Jr.  
William James Lester  
Alan Earl Murray  
Dean Dennis Olson  
Kent Gordon Peterson  
Roger Alan Reinsch  
Joseph Rockowski  
Kelly Curtis Sandy III  
Thomas Carroll Tyrrell  
Robert C. Wittenburg

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Paul A. Erickson  
Michael Harry Holmes  
George Moyich  
John Kenton Newlin  
Richard G. Porter  
John K. Pylant

George H. Seamon, Jr.  
Bruce Samuel Sperling  
Robert Burdett Taggart, Jr.  
William W. Wais  
Steve John Wiersma

BACHELOR OF SCIENCE IN SCIENCE ENGINEERING

Jerry Frederick Barnett  
Bruce Michael Bingman  
Taras Andrew Bursztynsky  
George William Crabtree  
Jeffrey L. DuRocher  
Richard A. Easton  
James Richard Goodman  
Gary Charles Guenther  
James Joseph Hnath  
James Edgar Hovis  
Mark Crandall Jennings  
Lawrence Keith Johnson

John Edward Keevert, Jr.  
William J. Kroll, Jr.  
Michael Steven Lurey  
James Gary Manegold  
Robert Leonard Stright  
David Devoe Thornburg  
Jan Valin Vojta  
Harold Everett Watson  
Robert Paul Wayman  
Terry Edward Witt  
Thomas Olin Zurfluh

## THE GRADUATE SCHOOL

Candidates presented by DEAN ROBERT H. BAKER

### DOCTOR OF PHILOSOPHY

- Theodore D. Ahlgren, B.S., Northwestern University, 1957; M.B.A., University of Chicago, 1961; M.S., Northwestern University, 1965. Chemical Engineering. *Adaptive Control for a Chemical Process.*
- Niels Hjorth Andersen, B.A., University of Minnesota, 1963. Chemistry. *Approaches to the Synthesis of Vetivane Sesquiterpenes.*
- James R. Andrews, B.S., University of Minnesota, 1961; M.A., Northwestern University, 1962. Speech. *A Study of the Contribution of Nasally Emitted Sound to the Perception of Nasality.*
- Ben Edward Bailey, B.S., Jackson State College, 1954; M.M., Northwestern University, 1959. Music. *The Development and Validation of a Test of Listening Skill.*
- James Kenneth Beattie, A.B., Princeton University, 1961; M.A., Cambridge University, 1963. Chemistry. *Kinetics and Mechanisms of the Reduction of Some Platinum (IV) Complexes by Chromium (II).*
- Aziz Nosrat Behkami, B.S., University of Teheran, 1959; M.S., Northwestern University, 1962. Physics. *Identification of Single Particle States in the Fission Transition Nucleus  $U^{235}$ .*
- Lloyd Berrin, B.S., Alfred University, 1956. Materials Science. *Volume and Grain Boundary Diffusion During Sintering and the Sintering Kinetics of Nickel.*
- Harvey Fremont Beutner, B.A., Valparaiso University, 1949; M.S.J., Northwestern University, 1950; M.A., 1955. English. *With Fraternal Feeling Fires: The Life and Work of James Montgomery.*
- Joseph Edward Blanc, B.S., Marquette University, 1962. Chemistry. *Dehydration of the Stereoisomers of 2-Alkyl-, 2-Phenyl-, and 3-t-Butylcyclohexanol.*
- Bruce L. Booth, B.A., Dartmouth College, 1960. Physics. *Magnetoresistance Oscillations in Antimony Doped Gray Tin.*
- Jon Gustav Bredeson, B.S., North Dakota State University, 1962; M.S., 1963. Electrical Engineering. *Graph Theoretic Error-Correcting Codes.*
- Melbourne George Briscoe, B.S., Northwestern University, 1963. Mechanical Engineering. *Normal Shock Reflection from Nearly Flat Walls.*
- Eric R. Brown, B.S., Michigan Technological University, 1963. Chemistry. *Some Voltammetric Instrumentation Studies.*
- Robert H. Bryant, B.S., University of Illinois, 1959; M.S., 1961. Civil Engineering. *A Variational Method for the Limit Analysis of Rotationally Symmetric Sandwich Shells.*
- Robert Glenn Burman, B.S., Northwestern University, 1961. Mechanical Engineering. *The Impingement on a Liquid Surface of the Two-Dimensional Incompressible Efflux from a Nozzle.*
- M. Dallas Burnett, B.S., Brigham Young University, 1954; M.S.J., Northwestern University, 1958. Journalism. *The Availability of Foreign Affairs Information in the Local Community.*
- Lee William Bush, B.S., Michigan College of Mining and Technology, 1963. Chemistry. *Electron Spin Resonance Studies of Some Unsubstituted and Substituted Aromatic Radical Anions.*
- Ronald J. Campbell, B.A., Harvard College, 1962. Chemistry. *Excited States and Energy Processes in a Photochemical System. The Photolysis of Cyclobutanone.*
- Ronnie D. Carroll, B.S., DePauw University, 1962. Chemistry. *Synthetic Studies Related to the Total Synthesis of Costol.*
- Edward Scott Casey, B.A., Yale University, 1961; M.A., Northwestern University, 1964. Philosophy. *Poetry and Ontology.*
- Peter Celms, B.A., Augustana College, 1958; M.A., Northwestern University, 1959. History. *A. H. L. Heeren: His Life and his Idea of History.*
- Kun Soo Chang, B.S., Hanyang Institute of Technology (Korea), 1957; M.S., Northwestern University, 1964. Chemical Engineering. *Optimization and Optimal Control of Distributed Parameter Chemical Processes.*



- Dudley Stephen Childress, B.S., University of Missouri, 1957; M.S., 1958. Electrical Engineering. *A Study of the Mechanics of the Horizontal Movements of the Human Eye.*
- Brian Geoffrey Cleland, B.E., University of South Wales (Australia), 1960; M.S., Northwestern University, 1964. Physiology. *Quantitative Studies on the Receptive Field Center of the Cat Retinal Ganglion Cell.*
- Robert Morton Coen, B.A., Harvard University, 1961. Economics. *Tax Policy and Investment in Manufacturing, 1954-1966.*
- Johnetta B. Cole, B.A., Oberlin College, 1957; M.A., Northwestern University, 1959. Anthropology. *Traditional and Wage Earning Labor Among Tribal Liberians.*
- Charles Joseph Colwell, B.S., Westminster College, 1963; B.S., Lafayette College, 1963; M.S., Northwestern University, 1965. Chemical Engineering. *The Effects of Non-Linear Equilibrium and Axial Dispersion in Ion Exclusion.*
- Nancy Scott Cooke, B.A., University of Kentucky, 1962; M.A., Northwestern University, 1966. Psychology. *The Effect of Length of Study Interval on the Acquisition of Paired-Associates Using Bidirectional Stimuli.*
- Elizabeth Cowling, B.A., Carleton College, 1933; M.A., Columbia University, 1935; M.M., Northwestern University, 1940. Music. *The Italian Sonata Literature for the Violoncello in the Baroque Era.*
- Richard Severin Cox, B.A., Dartmouth College, 1957; M.A., Northwestern University, 1958. Physics. *An Investigation of the  $Na^{23}(d,0)Ne^{21}$  Reaction.*
- Edward R. Credell, A.B., Fresno State College, 1949; M.S. in Ed., University of Southern California, 1956; M.Ed., 1960. Education. *An Analysis of Administrator Efficacy and Related Teacher Tenure.*
- Ray Glenn Crispin, B.A., Allegheny College, 1950; M.S., University of Pittsburgh, 1955; M.S., Northwestern University, 1966. Microbiology. *Biological and Ultrastructural Characteristics of MYCOBACTERIUM TUBERCULOSIS Cells and Cell Components.*
- James Campbell Curtis, B.A., Carleton College, 1959. History. *The Heritage Impaired: Martin Van Buren and the Presidency, 1837-1841.*
- George G. Daly, B.A., Miami University, 1962. Economics. *Financial Intermediation and the Theory of the Firm: An Analysis of Savings and Loan Association Behavior.*
- Didier de Fontaine, Bachelor's equivalent, University of Louvain (Belgium) 1953; M.S., 1955. Materials Science. *A Computer Simulation of the Evolution of Coherent Composition Variations in Solid Solution.*
- Joseph Raymond Delmastro, B.S., Northern Illinois University, 1962. Chemistry. *Some Investigations of Voltammetric Techniques.*
- Carl Louis DeVito, B.S., College of the City of New York, 1959. Mathematics. *Some Completeness Theorems for Locally Convex Spaces.*
- Periyapatna S. Dhruvarajan, B.Sc., Mysore University (India), 1953; M.A., Delhi University (India) 1957; M.S., University of Chicago, 1961. Economics. *Maximum Likelihood Estimation of Simultaneous Equation Systems with Temporally Dependent Disturbances.*
- John Wagner Dickey, B.S., Lehigh University, 1963; M.S., Northwestern University, 1965. Civil Engineering. *The Value of Land Use Activity Categories in Non-Residential Trip Generation.*
- John Bullard Dinklage, B.A. Grinnell College, 1960; M.S., Northwestern University, 1963. Electrical Engineering. *Soft X-Ray Diffraction by Multi-Layered Thin Film Structures and Their Interdiffusion.*
- Cecelia Hodges Drewry, A.B., Hunter College, 1945; A.M., Columbia University, 1948. Speech. *Samuel Daniel's TRAGEDY OF PHILOTAS: The Use of Contradiction and Paradox as Methods of Comment Upon the Essex Affair and Upon the Responsibilities of Monarchs.*
- William Edward Duffy, B.S., Wayne State University, 1957; M.Ed., 1960. Philosophy of Education. *An Historical and Philosophical Examination of Two Competing Views of Man and the State: Their Origins and Their Effects on American Education.*
- Robert Ehrlich, B.Ch.E., The Cooper Union, 1962; M.S., Northwestern University, 1965. Chemical Engineering. *A Variational Approach to Two-Phase Flow Problems.*
- Josephine Caryce Elsen, B.A., Wheaton College, 1946; M.M., Northwestern University, 1948. Music. *The Instrumental Works of Peter Ritter (1763-1845).*

- Thomas Lynn Emmick, A.B., Wabash College, 1962. Chemistry. *Studies of the Synthesis, Hydrogen-Deuterium Exchange and Racemization of Asymmetric Secondary Phosphine Oxides.*
- Donovan Lee Evans, B.S., University of Cincinnati, 1962. Mechanical Engineering. *Experimental Measurement of the Emission and Absorption of Radiation by an Argon Plasma.*
- Philip Leon Feidtsedt, B.S., Rutgers University, 1963. Chemistry. *Factors Influencing Hydrogen-Deuterium Exchange of Amides.*
- Anthony Vincent Fiocco, B.S., Union College, 1950. Applied Mathematics. *Sequential Unconstrained Minimization Methods for Nonlinear Programming.*
- Emmett Eugene Fleming, B.Ed., Illinois State Normal University, 1958; M.Ed., University of Illinois, 1961. Education. *Innovation Related to the Tenure, Succession, and Orientation of the Elementary Principal.*
- Richard Lane Francis, B.S., Virginia Polytechnic Institute, 1960; M.S., Georgia Institute of Technology, 1962. Industrial Engineering. *On Some Optimum Facility Design Problems.*
- John V. Fridlund, B.A., De Paul University, 1949; M.A., Northwestern University, 1951. Education. *The Educational Implications of Reorganization of the Elementary Districts of Cook County, Illinois, into Districts Coterminous with High School Districts.*
- Stephen Howard Friedberg, B.A., Boston University, 1962; M.A., Northwestern University, 1964. Mathematics. *Synthetic Partitions in Discrete Groups.*
- Otto Alphonse Gansow, A.B., Washington University, 1962. Chemistry. *Kinetics and Mechanisms Studies of the Reaction of Some Transition Metal Complexes.*
- Charlotte W. Ghurye, B.A., Roosevelt University, 1959; M.A., Northwestern University, 1961. German. *The Movement Toward a New Social and Political Consciousness in Postwar German Prose.*
- Anthony F. Giamei, B.E., Yale University, 1962. Materials Science. *Solid State Phase Equilibria in Cobalt Rich CO-WC Alloys.*
- Allen Randall Gilmore, A.B., Western Maryland College, 1959; B.D., Garrett Theological Seminary, 1962. Religion. *Some Theological and Personality Correlates of a Mode of Conflict Resolution.*
- Michael James Greenwood, B.S., DePaul University, 1962. Economics. *Determinants and Patterns of Labor Migration in the U.S.A., 1955-1960.*
- Patrick Donald Harris, B.S., University of Missouri, 1962; M.S., 1963. Physiology. *Statistical Quantitation of Erythrocyte Passage in Capillaries.*
- Jack James Hayden, B.S., University of Nebraska, 1951; B.S., American Institute of Foreign Trade, 1956; M.B.A., New York University, 1960. Business. *Target Returns in Portfolio Selection.*
- Henry d'Arcy Heck, A.B., Princeton University, 1962. Chemistry. *Carbonyl Oxygen Exchange in General Base-Catalyzed Ester Hydrolyses.*
- James Vernon Higgins, B.S., University of Illinois, 1950; M.Ed., 1951. Education. *A Comparative Study of Change in Teacher Behavior as a Function of Face-To-Face Discussion, the Administrative Bulletin, and Self-Confrontation.*
- John Thomas Hogan, B.S., St. Louis University, 1962. Mechanical Engineering. *Kinetic Equation with Electromagnetic Interaction.*
- Tongchat Hongladaromp, B. Engrg., Chulalongkorn University (Thailand) 1960; M. Engrg., Seatoo Graduate School, 1962. Civil Engineering. *Elastic-Plastic Analysis of Grid Systems.*
- Ned E. Hoopes, B.A., Brigham Young University, 1956; M.A., 1957. English. *The Unlikely Baron—A Study of the Life and Fiction of Fredrick Rolfe.*
- William Taylor Hughes, B.S., Indiana University, 1960; M.A., 1962. Astronomy. *A Spectroscopic Study of the B Stars in the Association I Lacerta.*
- Hoying Lee Hung, B.S., National Taiwan University, 1957; M.S., University of Kansas, 1962. Chemistry. *A Study of Time-Dependence of A.C. Polarographic Currents.*
- Marc James Imlay, B.S., University of Maryland, 1962; M.S., The American University, 1964. Biology. *Environmental Factors in Activity Rhythms of the Fresh-Water Snail vivIPARUS MALLEATUS Reeve and the Fresh-Water Clam ELLIPTIO-COMPLANATUS CATAWBENSIS. (Lea.)*
- Solomon Maurice Jacob, B.Ch.E., University of Bombay, 1964; M.S., Northwestern University, 1966. Chemical Engineering. *Photoreactor Engineering.*

- Lawrence Stanley Jenness, B.A., University of Maine, 1949; M.A., Northwestern University, 1962. Speech. *Communication and Secondary School Administration*.
- Donald Michael Jerina, B.A., Knox College, 1926. Chemistry. *The Synthesis of Oligonucleotides on Insoluble Polymer Supports*.
- Paul E. Jessup, B.S., Northwestern University, 1960; B.A., Oxford University, 1963; M.A., Harvard University, 1964. Business. *The Theory and Practice of Nonpar Banking*.
- Malcolm Pratt Johnson, B.A., Amherst College, 1963. Chemistry. *Lewis basicity of Metals*.
- Ralph M. Johnson, B.S. in Ed., Northern Illinois University, 1952; M.A., Northwestern University, 1954; Education. *A Critical Analysis of the Treatments Given Representative Social Science Ideas in Leading Fifth and Eighth Grade American History Textbooks*.
- Stephen Nelson Judy, B.A., Hamilton College, 1963; M.A.T., Northwestern University, 1964. Education. *The Teaching of English Composition in American Secondary Schools, 1850-1893*.
- Theodore C. Kamatos, B.S., University of Minnesota, 1955; M.A., Northwestern University, 1956. Education. *Instructional Materials on Price and Profit at the Eighth Grade Level*.
- Robert W. Kapche, B.S., Loyola University, 1962; M.S., Northwestern University, 1965. Psychology. *Cue Utilization in Clinical Judgment as a Function of Drive Level*.
- Satya Prakash Keshava, B.Sc., Science College (India), 1954; B.Tech., Indian Institute of Technology, 1958; M.E., Bengal College of Engineering, 1961. Civil Engineering. *Free and Forced Motion of an Elastic Plate Supported by a Semi-Infinite Continuum*.
- Ray Pal Khera, Dipl. in Engr., Nagpur University (India), 1956; M.Sc., The Ohio State University, 1962. Civil Engineering. *Strength Response of an Anisotropically Consolidated Clay*.
- William L. Kimball, B.S., Marquette University, 1959; M.B.A., University of Wisconsin, 1960. Business. *A Model for Evaluating the Usefulness of Accounting Methods Based Upon an Inquiry into the Role of Measurement in Financial Accounting*.
- Ulrich Klabunde, B.S., University of Illinois, 1962. Chemistry. *A Kinetic Study of the Hydrolysis Reactions of Some Rhodium (III) Complexes. The Synthesis of Some Carbene Chromium (O) Compounds*.
- Arthur W. Klem, A.B., Wheaton College, 1950; A.M., 1951; B.D., Gordon Divinity School, 1955. Religion. *Reinhold Niebuhr's Appraisal of Karl Barth*.
- Gerald Lee Klippenstein, B.S., Wheaton College, 1962. Chemistry. *The Primary Structure of Hemerythrin*.
- David William Knudson, B.A., Luther College, 1961; M.S., Northwestern University, 1964. Mathematics. *Formally Smooth Algebras, Commutative Cohomology, and the Deformation of Algebras*.
- Frederick B. Koch, B.A., Carleton College, 1957; M.S., University of Minnesota, 1960. Materials Science. *Ordering in Non-Stoichiometric  $Fe_xO$* .
- Theodore Alexander Koclanes, B.S., Northwestern University, 1950; M.A., 1951. English. *Spots of Time in William Wordsworth's THE PRELUDE*.
- Nan-Hung Kuo, B.S., National Taiwan University, 1958; M.S., National Chiao-Tung University, 1960. Electrical Engineering. *Diffraction by Dielectric Bodies*.
- Paul Martin Kuznesof, B.Sc., Brown University, 1963. Chemistry. *Mass Spectrometric and Theoretical Studies of Boron-Nitrogen Systems*.
- Robert Dean Kysar, B.A., College of Idaho, 1956; B.D., Garrett Theological Seminary, 1959. Religion. *A Comparison of the Exegetical Presuppositions and Methods of C. H. Dodd and Rudolph Bultmann in the Interpretation of the Prologue of the Fourth Gospel*.
- Philip Noel LaMori, B.S., University of California, 1956; M.A., 1963. Materials Science. *Compressibility of Rocks and Minerals to 450°C and 36 kb and Their Application to the Upper Mantle*.
- Velta Abduls Lazda, B.S., Purdue University, 1962. Microbiology. *Studies on the Characteristics of Ribonucleic Acid Formed in the Antibody Response*.
- In-Young Lee, B.S., Seoul National University, 1961; M.S., Northwestern University, 1964. Biochemistry. *Control Mechanism of Glycolysis in Ehrlich Ascites Tumor Cells*.



- Kenneth L. Leicht, B.S., St. Louis University, 1962; M.S., 1964. Psychology. *Effects of Frequency on Recall and Rating*.
- Axel Leijonhufvud, Bachelor's equivalent, University of Lund, 1960; M.A., University of Pittsburgh, 1960. Economics. *On Keynesian Economics and the Economics of Keynes: A Study in Monetary Theory*.
- Ralph H. Lieber, A.B., Indiana University, 1960; M.A., Northwestern University, 1961. Education. *The Analysis and Relationship of Weekly Community Suburban Papers to the Outcome of School Voting Issues*.
- Hong Chol Lim, B.S., Oklahoma State University, 1957; M.S., University of Michigan, 1959. Chemical Engineering. *Synthesis by Wiener-Hopf Techniques of Optimum Linear Controllers with Bounds on Control Efforts for Chemical Reactors Subject to Random Disturbances*.
- Craig O. Linnell, B.S., University of Minnesota, 1961; M.A., University of Southern California, 1963. Speech. *The Effect of Fluid in the Middle Ear Cavity on Bone-Elicited Cochlear Microphonic Potentials of the Cat's Ear*.
- Robert Reinard Ludwig, B.A., University of California, 1961; M.B.A., 1963. Industrial Engineering. *Decision Tables and Simulation*.
- John David Luoma, B.S., Purdue University, 1962. Engineering Sciences. *An Analytical Study of Thermal Neutron Spectra in Two Dimensional Homogeneous Reactor Cells*.
- Alan Jay Lupa, B.S., Columbia University, 1963; M.S., Northwestern University, 1965. Chemical Engineering. *The Kinetics of Ion Exchange with Simultaneous Film and Particle Diffusion*.
- Rhee Lyon, B.A., Cornell University, 1954; M.A., University of Notre Dame, 1961; Education. *Career Interests of Married Women with College Degrees*.
- Troy Edwin Majors, B.A., University of Arkansas, 1958; M.A., 1959. Philosophy. *The Problem of the Disjunction Between Thought and Existence*.
- Francisco Santiago Manuel y Triunfante, B.S., University of the Philippines, 1951; M.S., Northwestern University, 1957. Civil Engineering. *Large Deflections, Stability and Post-Buckling of Elastic Frames*.
- Harris L. Marcus, B.S., Purdue University, 1963. Materials Science. *Precipitation in the Fe-Mo System*.
- Robert D. Marcus, B.A., Columbia College, 1957; M.A., Columbia University, 1963. History. *Republican National Party Organization, 1880-1896*.
- Thomas Hanson Marshall, B.A., Dartmouth College, 1961. Chemistry. *The Kinetics, Mechanism, and Specificity of Elastase Catalyzed Ester Hydrolyses*.
- Edward S. Martin, B.A., DePauw University, 1960. Chemistry. *Approximate Solutions to the Schrodinger Equation for the Electronic Energies of One, Two, and Three-electron Molecules*.
- Marshall Nyvall Matson, B.S., Northwestern University, 1956; M.A., Harvard University, 1958. English. *A Critical Edition of THE WISDOM OF DOCTOR DODYPOLL (1600) with a Study of DODYPOLL's Place in the Repertory of Paul's Boys*.
- James Herndon McCain, Jr., B.S., Southwestern University, 1963. Chemistry. *Nucleophilic Aromatic Substitution Reactions of Photoexcited p-Nitroanisole*.
- John Braddock McColly, B.S., Northwestern University, 1959; M.S., 1961. Industrial Engineering. *An Investigation of Factors Affecting the Perceived Impact of Marketplace Events Upon Decision Makers*.
- John Arthur McGee, B.Sc., Creighton University, 1952; M.A., University of Nebraska, 1953. Speech. *Discrimination of Interrupted and Alternated Speech by Right and Left Handed Subjects*.
- Roderick Colin McLennan, B.A., State College of Iowa, 1949; M.A., Northwestern University, 1953. Education. *A Study of Disadvantaged and Advantaged Students Attending the Schools of High School District X, Suburbia Y*.
- John Charles Melchert, Jr., B.S., Elmhurst College, 1950; M.A., Northwestern University, 1952. Education. *Novelty and Change in the Perceptual Curiosity of Children*.
- Lewis Wilkinson Mondy, B.A., Texas Christian University, 1962; M.A., Northwestern University, 1965. Psychology. *The Effects of Attitudes Toward Experiments and Degrees of Awareness upon Verbal Conditioning*.
- Ramiro Alfonso Montalvo, B.S., Illinois Institute of Technology, 1960. Physics. *Magnetic Anisotropy in Antiferromagnetic Chomium*.
- Edward Karl Morlok, Jr., B.Ed., Yale University, 1962; Civil Engineering. *An Analysis of Transport Technology and Network Structure*.



- Bruce John Morrison, B.S., Wayne State University, 1963; M.A., Northwestern University, 1965. Psychology. *An Analysis of the Group Testing and Group Housing Effects Upon Rat Emotionality*.
- Jack Edward Mott, M.S., University of Chicago, 1960. Physics. *A Study of  $K$ - $p$  Interactions at 4.1 and 5.5 GeV/c: Final States Involving Two Charged Particles with or without a Visible  $\Lambda^+$* .
- Adam Mahmoud Mousa, B.Sc., University of Khartoum, 1962; M.S., Northwestern University, 1964. Civil Engineering. *Analysis of Prismatic Shell Structures Continuous Over Transverse Diaphragms*.
- Robert Long Mowery, B.S., Purdue University, 1956; B.D., Garrett Theological Seminary, 1960; M.A., Northwestern University, 1961. Religion. *The Jewish Religious Leaders in the Gospel of Mark: A Study in FORMGESCHICHTE*.
- Laurence V. Moyer, B.A., Muhlenberg College, 1953; M.A., Lehigh University, 1959. History. *The KRAFT DURCH FREUDE Movement in Nazi Germany, 1933-1939*.
- Martin J. Neeb, Jr., B.A., Concordia Theological Seminary, 1955; B.D., 1958; M.A., St. Louis University, 1959. Speech. *An Historical Study of American Non-Commercial AM Broadcast Stations Owned and Operated by Religious Groups, 1920-1966*.
- O. Dean Nelson, B.A., University of Arizona, 1950; B.D., Northern Baptist Theological Seminary, 1954; Th.D., 1956. Education. *A Study of the Understanding of Youth Problems on the Part of Community Workers with Adolescents*.
- Mary Margaret Nilan, B.A., Manhattanville College, 1961; M.A., Northwestern University, 1962. English. *The Stage History of "The Tempest": A Question of Theatricality*.
- Robert Charles Nugent, B.A., Hofstra College, 1958; M.S., University of Rochester, 1960. Geology. *Jointing in a Quaternary Basalt, Buckboard Mesa, Nevada, and its Effect on Cratering Experiments*.
- Mary Ann Veronica Osuch, B.S., DePaul University, 1962. Biochemistry. *Biosynthesis of Bufadienolides in BUFO MARINUS*.
- Karl Frederick Otto, Jr., B.A., Aquinas College, 1962; M.A., Northwestern University, 1963. German. *The Use of History in Zesen's ADRIATISCHE ROSEMUND*.
- Joseph William Ottoson, B.A., Northwestern University, 1952; B.D., Augustana Theological Seminary, 1956; M.A., Northwestern University, 1957. Education. *A Longitudinal Study of the Expressed Problems of Students Attending a Mid-western Church-Related Liberal Arts College*.
- David Roger Jones Owen, B.Sc., University of Swansea (Wales), 1963; M.Sc., University of Wales, 1964. Theoretical Mechanics. *Continuum Theory of Dislocations*.
- Nick James Pappas, B.A., University of Minnesota, 1960; M.S., University of Wisconsin, 1961. Speech. *A Study of the Effects of Probe Duration and Mask Intensity on Backward Masking*.
- Carroll Sue Perrino, B.A., Syracuse University, 1963; M.A., Northwestern University, 1966. Psychology. *Semantic and Syntactic Factors in the Acquisition of the Adjective-Noun Sequence*.
- Arnold B. Perris, B.A., Western Reserve University, 1943; M.A., 1951. Music. *Music in France During the Reign of Louis-Philippe: Art as "A Substitute for the Heroic Experience."*
- Louis J. Petrovic, B.S., Case Institute of Technology, 1962; M.S., Northwestern University, 1964. Chemical Engineering. *Simultaneous Mass and Heat Transfer in Fluidized Beds*.
- Paul Stanley Poskozim, B.S., Loyola University, 1961. Chemistry. *Chemistry of Trichlorogermanate (II) Salts*.
- Shyam N. Prasad, B.Sc., Bihar Institute of Technology (India), 1961; M.Tech., Indian Institute of Technology, 1964. Theoretical Mechanics. *On Destabilizing Effects Associated with Complex Forces in Nonconservative, One-Dimensional, Continuous Systems*.
- Mary Kay Pribyl, B.S., Loyola University, 1964; M.A., Northwestern University, 1966. Psychology. *The Effect of Learning on the Reliability and Validity of Clinical Judgment*.
- Richard Judson Puffer, Ph.B., Illinois Wesleyan University, 1953; M.S., Illinois State University, 1962. Education. *The Educational Research Involvement and Capabilities of Institutions for Teacher Education*.

- Joseph John Pysh, A.B., Wayne State University, 1963. Anatomy. *The Postnatal Development of the Extracellular Space in the Rat Inferior Colliculus: An Electron Microscopic Study.*
- Robin L. Rabin, B.S., Northwestern University, 1960; J.D., 1963. Political Science. *The Conscientious Objector: A Study in Legal Efficacy.*
- William M. Raïke, B.A., Northwestern University, 1964; M.S., 1965. Applied Mathematics. *Chance-Constrained Games and Generalized Networks.*
- Michael Laurence Ray, B.S.J., Northwestern University, 1961; M.S.J., 1962; M.A., 1965. Psychology. *The Effect of Choice, Controversy and Selectivity on the Effectiveness of Various Defenses to Persuasion.*
- Joan Duck Raymond, B.A., Ripon College, 1957; M.A., DePaul University, 1962. Education. *The Evolution of the Chicago Public School Superintendency.*
- Karleen Georgiana Redle, A.B., Washington University, 1959; M.A., Indiana University, 1961. English. *Amy Lowell and Harriet Monroe: Their Correspondence.*
- Richard Henry Reitz, B.S., DePaul University, 1962. Chemistry. *The Biochemical Mechanisms of Resistance to the Antibiotics D-Cycloserine and O-Carbamyl-D-Serine.*
- Dollye M. E. Robinson, B.S., in Ed., Jackson State College, 1948; M.M., Northwestern University, 1959. Music. *An Experimental Study of the Effectiveness of a Course of Study Developed to Meet Specific Association Standards for General Music in Selected Mississippi Secondary Schools.*
- Barry Martin Rosenbaum, B.Ch.E., The Cooper Union, 1963; M.S., Northwestern University, 1965. Chemical Engineering. *The Thermal Conductivity of Binary Mixtures in the Dense Gaseous States.*
- Roy James Ruffin, Jr., B.S., University of Wichita, 1960; M.S., Arizona State University, 1964. Economics. *The Regional Impact of Open Market Operations: An Econometric Study.*
- Karl Bernhardt Rundman, B.S., Michigan Technological University, 1961; M.S., 1962. Materials Science. *Decomposition in Aluminum-Zinc Alloys.*
- Elinore Boehm Rupp, B.A., Knox College, 1962. Chemistry. *The Electrolytic Reduction of Decaborane at a Mercury Electrode.*
- John Jay Rupp, B.S., Ohio University, 1962. Chemistry. *Cyanide Bridge Compounds with the Group Four Metal Tetrafluorides.*
- Robert C. Ryan, B.A., Western Michigan University, 1956; M.A., University of Connecticut, 1958. English. *"Weeds and Wildings Chiefly: With a Rose or Two," by Herman Melville. Reading Text and Genetic Text, edited from Manuscript with Introduction and Notes.*
- Jagnewar Saha, B.Sc., Presidency College of University of Calcutta, 1958; M.Sc., University of Calcutta, 1960. Biochemistry. *On the Nature of Glucose Transport into Ehrlich Ascites Carcinoma Cells.*
- John W. Schwartz, B.S., Central Michigan University, 1961. Physics. *Phonon Resonances in Some Alkali Halides Doped with Divalent Ions.*
- Frank Laverne Schweingruber, B.E., Fenn College, 1961. Physics. *K\* Production in High Energy K-p Interactions.*
- Farrokh Nozer Screwvala, B.S., Case Institute of Technology, 1962; M.S., 1964. Civil Engineering. *An Analytical and Experimental Study of Transient Wave Propagation in a Composite Half-Space.*
- George Peter Sendeckyj, B.M.E., The Cooper Union, 1963; M.S., Northwestern University, 1964. Civil Engineering. *Ellipsoidal Inhomogeneity Problem.*
- Stanley Shaloff, A.B., City College of New York, 1960; M.A., Northwestern University, 1961. History. *The American Presbyterian Congo Mission: A Study in Conflict, 1890-1921.*
- Paul Hideo Shingu, B.S., Kyoto University, 1961; M.S., 1963. Materials Science. *Effect of Competitive Mechanics upon Densification During the Initial Stage of Sintering and Sintering Kinetics of Iron.*
- Janet Ann Sigal, B.A., New York University, 1963; M.A., Northwestern University, 1965. Psychology. *The Effect of Partial Reinforcement and Confidence on Inducing Resistance to Persuasion.*
- Douglas Robert Slavin, B.A., University of Buffalo, 1961; M.A., Northwestern University, 1966. Psychology. *Response Transfer of Conditioned Affective Responses as a Function of an Experimental Analogue of Rotational Psychotherapy.*

- John Frederic Snarr, B.E., University of Cincinnati, 1961; M.S., Drexel Institute of Technology, 1962. Physiology. *A Quantitative Study of the Steady State Utilization of Nutrients by Isolated Skeletal Muscle*.
- June Sochen, A.B., University of Chicago, 1958; M.A., Northwestern University, 1960. History. "Now Let Us Begin" *Feminism in Greenwich Village, 1910-1920*.
- Lawrence Edmund Sommers, Ph.B., Loyola University, 1949; A.M., 1951. History. *Lawyers and Progressive Reform: Study of Attitudes and Activities in Illinois*.
- Donald Edward Staples, B.S., Northwestern University, 1955; M.A., University of Southern California, 1959. Speech. *A Statistical Study of Award-Winning American Films and Their Makers, 1930-1964*.
- Donald V. Starich, B.S., Marquette University, 1953; M.S., University of Wisconsin, 1958. Electrical Engineering. *New Techniques in Suboptimal Linear Filtering*.
- Kenneth E. Steller, B.A., Franklin and Marshall College, 1963. Chemistry. *Substituent Effects in Photoinduced Nucleophilic Substitution Reactions of Nitroaromatic Compounds*.
- Su Chau-Chang, B.S., Cheng-Kung University, 1960; M.S., Chiao Tung University, 1962. Electrical Engineering. *On Shift-Register Realization of Sequential Machines*.
- Robert David Swartz, A. B., Columbia College, 1959; B.S., Columbia University, 1960. M.A. 1962. Geography. *Practices in Selecting Retail Locations in Mexico City*.
- Harriet Talmage, B.A., University of Chicago, 1945; M.A., University of Wisconsin, 1947. Education. *An Experimental Study of Curriculum Engineering*.
- Jesse James Thomas, B.A., Taylor University, 1955; B.D., Garret Theological Seminary, 1959. Religion. *The Image of Man in the Literary Heroes of Jean-Paul Sartre and Three American Novelists, Saul Bellow, John Barth, and Ken Kesey—A Theological Evaluation*.
- John Thomas Trahey, B.A., Xavier University, 1956; M.A., West Baden College, 1958; Lic. in Theology, 1965. Speech. *TARTUFFE: A Study of the Play in Production*.
- Hans Werner Uffelman, B.A., University of California, 1960; M.A., Northwestern University, 1962. Philosophy. *Towards an Ontology of Social Relations*.
- William George Valance, B.S., DePaul University, 1962. Chemistry. *Theoretical Kinetics of Thermal Reactions in the Gas Phase*.
- Jacques F. Vallee, Bachelor's equivalent, Lille University (France), 1961; M.S., University of Paris, 1961. Industrial Engineering. *Search Strategies and Retrieval Languages*.
- Martha Meredith Vestling, A.B., Oberlin College, 1962. Chemistry. *The Reaction of Certain Nitroalkanes, Nitro-alkenes, and B-Nitro Acetates with Base*.
- Howard F. Vos, A.B., Wheaton College, 1948; Th.M., Dallas Theological Seminary, 1949; Th.D., 1950; M.A., Northwestern University, 1959. History. *The Great Awakening in Connecticut*.
- Martin Wachs, B.C.E., City College of New York, 1963; M.S., Northwestern University, 1965. Civil Engineering. *Evaluation of Engineering Projects Using Perceptions of and Preferences for Project Characteristics*.
- Martin Gerald Wagner, B.Ch.E., The Cooper Union, 1962; M.S., Northwestern University, 1964. Chemical Engineering. *Slow Flow of a Non-Newtonian Fluid Past a Droplet*.
- William Lee Waltz, B.S., Miami University, 1962. Chemistry. *A Pulse Radiolysis Study of Some Transition Metal Complexes*.
- Meredith W. Watts, Jr., B.A., Lawrence College, 1962; M.A., Northwestern University, 1964. Political Science. *The Legislative Response to Social and Economic Change*.
- Nola Jean Wegman, B.S., Northwestern University, 1953; M.A., 1954. English. *Argument and Satire: The Christian Responses to Deism, 1670-1760*.
- Frederick John Wegmann, B.C.E., Clarkson College of Technology, 1962; M.S., 1964. Civil Engineering. *Two Approaches towards Functional Highway Classification Policy Decisions with Application to Southern Illinois*.
- Michael Weissman, B.M.E., The Cooper Union, 1963; M.S., Northwestern University, 1965. Civil Engineering. *Analysis of Oxygen and Carbon Dioxide Diffusion Into Flowing Blood*.
- John Thomas Wenders, A.B., Amherst College, 1958; M.A., University of Hawaii, 1960. Economics. *The Growth and Diversification of the Firm*.



## ONE HUNDRED AND NINTH COMMENCEMENT

- Robert Joseph Werner, B.M.E., Northwestern University, 1953; M.M., 1954. Music. *A Comparison of Value Judgments Concerning Music Education Made By Senior Students and Professors of Music Education in Illinois Colleges and Universities.*
- Frederick William Wiffen, B.A.Sc., University of British Columbia, 1962. Materials Science. *Production and Stage I Recovery of Electrical Resistivity in Electron Irradiated Noble Metals.*
- Sidney Clay Willmington, B.S., University of Wisconsin, 1956; M.A., Northwestern University, 1959. Speech. *A Study of the Relationship of Selected Factors to Debate Effectiveness and to Debate Rating Reliability.*
- Laval Steele Wilson, B.Ed., Chicago Teachers College, 1958; M.A., University of Chicago, 1962. Education. *The Influence of an NDEA Institute for Teachers of Disadvantaged Youth on the Perceptions of Institute Participants.*
- Lewellyn Lee Wilson, B.A., University of Washington, 1956; M.A., Northwestern University, 1961. Speech. *Speech Education in Canada: Curricula, Facilities, and Personnel.*
- Michael D. Wilson, B.S., University of Michigan, 1962. Geology. *The Stratigraphy and Origin of the Beaverhead Group in the Lima Area, Southwestern Montana.*
- William J. Winslade, B.A., Monmouth College, 1963. Philosophy. *A Study in the Existence and Nature of Relations.*
- Ronald Mitchell Wolosewick, B.S., Northwestern University, 1960; M.S., 1962. Mechanical Engineering. *Studies in Viscoelastic Wave Propagation.*
- Julian Harrison Wulbern, A.B., University of California, 1960; M.A., University of Colorado, 1962. German. *Brecht and Ionesco: Aspects of Engagement.*
- Marvin C. Zastrow, B.S., University of Wisconsin, 1951; M.S., Marquette University, 1955. Education. *The Role of Homework in a College Mathematics Course as Related to the Frequency Principle in the Learning Process.*
- Paul A. Zehner, B.A., Valparaiso University, 1949. Political Science. *Some Religious Beliefs and Political Behaviors of Chicago Clergymen from Nine Denominations.*

## DOCTOR OF EDUCATION

- Charles W. Miller, A.B., Ball State Teachers College, 1942; M.A., 1947. Education. *Democracy in Education: A Study of How the American Federation of Teachers Met the Threat of Communist Subversion Through the Democratic Process.*

## MASTER OF ARTS

- Milton Nicholas Adamson, A.B., University of Notre Dame, 1962. Speech.
- Jan Marie Alden, B.S., University of Idaho, 1962. English.
- Everett Maynard Allen, A.B., Providence College, 1961. German.
- Kathryn Dettinger Amunrud, B.S., La Crosse State Teachers College, 1957. Education.
- Vincent Paul Anderson, A.B., Princeton University, 1965. English.
- Richard E. Aquila, B.A., Harvard University, 1965. Philosophy.
- Urve Auksi, B.Ed., Chicago Teachers College, 1960. Education.
- Harold Westcott Baldwin, B.A., Yale University, 1963. Philosophy.
- Susan C. Barasch, B.A., University of Illinois, 1966. English.
- Bruce W. Bashford, A.B., University of Rochester, 1966. English.
- Michael Clement Batinski, B.A., Oakland University, 1964. History.
- Cecilia Louise Baumann, B.A., Oberlin College, 1965. German.
- Richard Alfred Beck, Jr., B.A., Yale University, 1964. English.
- Martha Van Beckett, B.A., Howard College, 1962. Education.
- Frederic Lawrence Bender, B.S., Polytechnic Institute of Brooklyn, 1965. Philosophy.
- Marianne Joan Berger, B.A., University of Illinois, 1963. Romance Languages.
- Gerard Joseph Berthold, B.A., University of Illinois, 1966. Economics.
- Susan Kae Black, B.A., Hamline University, 1964. Speech.
- Robert Breen Blair, B.A., Juniata College, 1960; B.D., Bethany Theological Seminary, 1964. Religion.
- Lance Hugh Blakesley, B.A., University of Illinois, 1965. Political Science.

- Brucene Joyce Bloom, B.S., University of Illinois, 1966. Speech.
- Stephen R. Blum, A.B., Pennsylvania State University, 1961. Philosophy.
- Rae E. Lesser Blumberg, B.S., Northwestern University, 1961. Sociology.
- Judith Layton Bohannon, B.A., Georgetown College, 1966. Speech.
- Diane Chwierut Borucki, B.S., College of St. Francis, 1963. Education.
- Robert Anthony Borucki, B.A., St. Bonaventure University, 1961. Education.
- Patricia Nichol Bothfeld, A.B., Bryn Mawr College, 1950. English.
- Watson Gailey Branch, B.A., Princeton University, 1957. English.
- Mitchel Brandwein, B.A., Roosevelt University, 1964. Philosophy.
- Katharine Dahl Bredine, B.A., Carleton College, 1963. Romance Languages.
- Philip Brian Bredine, B.A., Carleton College, 1963. Philosophy.
- Olga P. Browning, B.A., University of Liubliana (Yugoslavia), 1964. Russian.
- Robert Louis Bunger, Jr., B.A., Old Dominion College, 1966. Anthropology.
- Herbert W. Butler, B.S., Kansas State College, 1949. Anthropology.
- Sally H. Calhoun, B.A., University of Michigan, 1961; M.A., 1963. Psychology.
- Peter N. Carroll, B.A., Queens College, 1964; M.A., Northwestern University, 1967. History.
- Leland Stewart Case, B.S., University of Utah, 1963. Economics.
- Kathleen S. Casement, B.S., Eastern Michigan University, 1965. Speech.
- Mary Marguerite Chambers, B.A., Clarke College, 1966. English.
- Elmore L. Christenson, B.A., University of Michigan, 1961. History.
- Carol Buchner Congdon, B.A., Northwestern University, 1962. Romance Languages.
- Thomas Arthur Copeland, B.A., Oberlin College, 1966. English.
- Dale Edward Coventry, B.A., Lawrence University, 1966. English.
- Neal Evan Cutler, B.A., University of Southern California, 1965. Political Science.
- Robert Mark Dana, B.S., The Citadel, 1966. English.
- Sakar Hassanali Dato, B.A., Colorado State University, 1966. English.
- Barbara Jean Davis, B.S., University of Arizona, 1960; M.S., 1965. Sociology.
- Rosella S. Demovsky, B.A., Roosevelt University, 1962. English.
- William E. Dietrich, Jr., B.A., Carleton College, 1966. Mathematics.
- Arthur Paul Doederlein, A.B., DePauw University, 1964. Speech.
- David William Dossett, B.A., Wabash College, 1964. Mathematics.
- Elaine Drew, B.S., Northwestern University, 1961. Speech.
- Christopher P. Eichhorn, A.B., University of Notre Dame, 1966. English.
- Suzanne Elaine Eisner, B.S., University of Wisconsin, 1966. English.
- Thomas Clair Emswiler, Jr., B.A., Kansas State Teachers College, 1963; B.D., Perkins School of Theology, 1966. Religion.
- Barbara Pratt Ferguson, B.A., Ohio Wesleyan University, 1964. Religion.
- Joann C. Finlay, B.Ed., Northwestern University, 1964. Speech.
- Josephine E. Fitzgerald, B.A., Marquette University, 1966. Speech.
- Michael C. Flanigan, B.A., Western Reserve University, 1963. Education.
- Tina Tinkham Flanigan, B.A., Denison University, 1964. Education.
- Helen Myrna Fligelman, B.S., University of Illinois, 1959. Education.
- Lily Fygetakis, B.S., Northwestern University, 1966. Speech.
- Frank Joseph Galati, B.S., Northwestern University, 1965. Speech.
- Beverly E. Gay, B.A., Columbia University, 1944. History.
- Patricia Spalding Gilbert, B.A., Bates College, 1966. Sociology.
- Charles Carleton Gilman, B.A., Portland State College, 1963. Linguistics.
- Mary Sarto Gilmore, B.S., Siena Heights College, 1959; M.S., 1964. English.
- Rita M. Goldman, B.Ed., National College of Education, 1957. Education.
- Audrey Kramer Gordon, B.S., Northwestern University, 1965. History and Literature of Religions.
- Judy Goddess Gottsegen, B.A., University of Chicago, 1958. Philosophy of Education.
- Paul H. Grawe, B.A., Carlton College, 1966. English.
- Elizabeth S. Greetis, B.S., Carnegie Institute of Technology, 1963. Speech.
- Mary E. Griffen, B.A., Kalamazoo College, 1964. Linguistics.
- Paul Frederick Hartwig, B.A., Lawrence College, 1962. Political Science.
- George A. Hay, B.S., Le Moyne College, 1963. Economics.
- Thelma Iselman Hayes, B.A., University of Chicago, 1940. Political Science.
- \*Susan L. Healy, B.A., University of Illinois, 1962. Political Science.

\*Deceased March, 1967.



- Karen E. Hedberg, B.S., University of Iowa, 1965. Speech.  
 William Asher Henkin, Jr., B.S., Northwestern University, 1965. English.  
 Sally L. Hewitt, B.A., Russell Sage College, 1965. English.  
 Gisela S. Hiatt, B.A., University of North Dakota, 1964. German.  
 Jonathan Arnold Hildebrandt, B.S., in Ed., Northwestern University, 1964. History.  
 Hedy Holtzman, B.A., Bradley University, 1962. English.  
 Douglas G. Hook, B.A., Pomona College, 1960. Philosophy.  
 Michael O. Houlahan, B.A., Yale University, 1962. English.  
 F. Robert Houlihan, Jr., B.A., Bates College, 1966. History.  
 Joan Hilborn Houston, B.S., Northwestern University, 1962. Speech.  
 Susan Mildred Hubka, B.S., Northwestern University, 1966. Speech.  
 Schuyler Watrous Huck, B.A., DePauw University, 1965. Education.  
 Toby E. Huff, A.B., Northwestern University, 1965. Sociology.  
 Raymond Fletcher Hunt, B.A., Queensland University (Australia), 1959. B.D., Garrett Theological Seminary, 1964. Religion.  
 Eileen Ruth Hurley, B.A., Mundelein College, 1966. English.  
 Edith S. Jackson, B.A., MacMurray College, 1966. German.  
 Linda L. Jenewein, B.A., Northwestern University, 1963. English.  
 Priscila Jiménez, B.A., Manhattanville College, 1966. Economics.  
 Bruce Champney Johnson, B.A., University of North Carolina, 1965. Linguistics.  
 Edward Ellis Johnson, B.A., Northwestern University, 1966. German.  
 Beverly Sue Jones, B.A., State University of New York at Albany, 1966. History.  
 Martin G. Kalin, B.S., Loyola University, 1965. Philosophy.  
 Susan Lynn Kaplan, B.A., University of Michigan, 1966. Speech.  
 Marilyn Ann Karsh, B.A., Mundelein College, 1960. English.  
 Dana Eddy Keil, A.B., Syracuse University, 1966. Anthropology.  
 Joan Smith Keller, B.S., Northwestern University, 1952. Speech.  
 Anne Abbott Kerr, B.A., University of Richmond, 1961. Education.  
 Oon-Theam Khoo, B.S., George Williams College, 1964. Sociology.  
 Benjamin David Kirman, B.S., in Ed., Northwestern University, 1964. Education.  
 James Verch Koch, B.A., Illinois State University, 1964. Economics.  
 Gary Francis Koeske, B.S., University of Wisconsin, 1964. Psychology.  
 Mark Allan Koppel, A.B., Columbia College, 1963. Psychology.  
 Alice Elizabeth Kowitz, B.S., University of Wisconsin, 1961. Education.  
 Ronald Charles Kramis, B.S., University of Washington, 1965. Psychology.  
 Robert Edward Kretschmer, B.S., Northwestern University, 1967. Speech.  
 Patricia Mae Lafferty, B.A., University of Illinois, 1966. English.  
 Wallace Lagerwey, A.B., Calvin College, 1966. German.  
 Coralie R. Lang, B.A., Brooklyn College, 1950. Education.  
 William J. Langan, B.A., University of Notre Dame, 1965. Philosophy.  
 Linaya Lynn Leaf, B.A., Linfield College, 1965. Speech.  
 Wallace Grant Leitch, B.A., Northwestern University, 1965. Romance Languages.  
 Joann H. Lenormand, B.A., Indiana University, 1948. Education.  
 Robert Joseph Lilley, Jr., B.S., United States Military Academy, 1962. History.  
 Linda Marie Lodge, B.A., Lake Erie College, 1965. Speech.  
 Carol Sue Long, B.A., Pomona College, 1966. English.  
 Daniel William Lundy, B.A., Morningside College, 1961. Philosophy.  
 Garrett Nicholas Mangin, A.B., Miami University, 1966. Economics.  
 John Lee Marlow, A.B., University of Notre Dame, 1964. English.  
 Mary Leona Maxwell, B.A., Hanover College, 1965. Speech.  
 Sandra Alfrida McClenney, B.S., Northwestern University, 1966. Speech.  
 Roger J. McClure, B.A., Ohio State University, 1965. Political Science.  
 Caryn Lynne McTighe, B.A., Duke University, 1966. English.  
 James Gordon Meade, B.A., Hamilton College, 1966. English.  
 Jean-Yvonne Alfreda Menter, B.A., University of Oregon, 1966. English.  
 Jerry H. Miller, B.A., Coe College, 1963. German.  
 Jane Elma Mooney, B.A., Pomona College, 1965. English.  
 John Charles Moore, B.A., Washington and Lee University, 1966. German.  
 George E. Morgan, B.A., Loyola University, 1966. English.  
 Nancy Ann Mullenix, B.S., Loyola University, 1966. Education.  
 Esther Hiley Nelson, B.Ed., Chicago Teachers College, 1957. Education.  
 Charlene Mabry Neumcier, B.S., Texas Woman's University, 1965. Speech.  
 Geraldine Marie Newell, B.A., St. Xavier College, 1964. Speech.

- LaVerne Holm Norman, B.A., North Central College, 1966. Speech.  
 Patrick J. O'Connell, B.A., University of Toronto, 1966. English.  
 John Francis O'Malley, B.A., DePaul University, 1965. Speech.  
 Rosalie Victor Palder, B.S. in Ed., Northwestern University, 1940. History.  
 Nenos Aristdes Papageorgopoulos, B.A., University of Vermont, 1963. Philosophy.  
 Joe Charles Park, B.A., Michigan State University, 1960. Education.  
 David Stuart Parker, Jr., B.A., College of William and Mary, 1966. Economics.  
 Joan Frances Pavelin, B.A., Northwestern University, 1965. Speech.  
 Jonathan L. Pearl, B.A., Lawrence College, 1961. History.  
 Ginger Golden Pinchot, B.S., Northwestern University, 1963. Speech.  
 Richard L. Plant, B.A., University of Western Ontario, 1965. Speech.  
 Linda Jean Potter, B.A., University of Virginia, 1966. English.  
 Judith Powers, B.A., Lake Forest College, 1964. Psychology.  
 Nan Priggie, B.A., Augustana College, 1965. Geography.  
 Judith Singleton Pruitt, B.A., Austin College, 1964. History.  
 John Charles Pulsipher, B.A., Brigham Young University, 1966. Political Science.  
 Mary Elizabeth Putt, B.A., Southern Illinois University, 1964. Religion.  
 Ronald Allen Raben, B.A., University of Illinois, 1963. Speech.  
 Yemima Avny Rabin, B.A., Hebrew University, 1965. Speech.  
 Donald C. Raffety, B.A., Carleton College, 1965. Mathematics.  
 Elizabeth Alta Ramm, B.A., Wheaton College, 1965. English.  
 Kiran Randhava, B.A., Delhi University (India), 1966. Economics.  
 Bruce R. Reichenbach, B.A., Wheaton College, 1965. Philosophy.  
 Martin Clare Riessen, B.S., Northwestern University, 1964. Education.  
 Patricia Jane Rink, B.S., Northwestern University, 1963. Speech.  
 William Dale Ritis, B.Ed., Chicago Teachers College South, 1963. English.  
 Barbara Diane Rodell, B.S., University of Illinois, 1966. Education.  
 Marlene Roberta Rothbart, B.S. in Ed., Northwestern University, 1964. Mathematics.  
 Brent M. Rutherford, A.B., Bradley University, 1964. Political Science.  
 Phyllis Rebecca Sager, B.A., Roosevelt University, 1966. English.  
 James Robert Sanders, B.A., Southern Illinois University, 1964. History.  
 Virginia Johnson Santoro, B.S., Northwestern University, 1965. English.  
 Morissa Gerber Schatz, B.S., Northwestern University, 1965. Speech.  
 Roger William Schmurr, B.A., Portland State College, 1966. Economics.  
 David J. Schroder, B.A., Indiana University, 1963. Sociology.  
 James Alan Schulz, B.A., Yale University, 1964. Philosophy.  
 Gerald Arthur Schwab, B.A., Oklahoma City University, 1965. Philosophy.  
 Barbara Kathrine Seng, B.A., The College of St. Catherine, 1954. Speech.  
 Paula Palmer Shaffer, B.S., Shippensburg State College, 1965. Speech.  
 Cynthia Margaret Shewan, B.A., McGill University, 1965. Speech.  
 Vija Ilse Siksnā, B.A., Knox College, 1966. Romance Languages.  
 Marlyn Diane Silver, B.A., University of Michigan, 1966. English.  
 Margaret Simes, B.A., George Washington University, 1965. English.  
 Sondra Finkel Smith, B.A., Northwestern University, 1965. Anthropology.  
 Lynn Sneider, B.A., Brandeis University, 1963; M.A.T., University of Chicago, 1965. Russian.  
 Charles Gordon Snoad, Ph.B., Northwestern University, 1963. English.  
 Howard Mitchell Solomon, A.B., University of Pittsburgh, 1964. History.  
 Rochelle Frankel Spitz, B.A., Roosevelt University, 1960. English.  
 Jacqueline Joan Stapleton, B.A., Douglass College, 1958. Sociology.  
 Richard Riley Stevens, B.S., Michigan State University, 1963. Education.  
 Kenneth A. Strike, B.A., Wheaton College, 1965. Philosophy of Education.  
 Elizabeth Anderson Taylor, A.B., University of North Carolina, 1966. English.  
 Mary Ann Test, B.A., Gettysburg College, 1964. Psychology.  
 Virginia Lou Tolk, B.Ed., National College of Education, 1961. Education.  
 Douglas John Tolman, B.A., Luther College, 1964. Mathematics.  
 Glenn Nickolas Tri, B.A., Willamette University, 1966. Political Science.  
 Edith L. Ulbrich, B.S. in Ed., Wayne State University, 1963. Speech.  
 Elaine Sue Unzicker, B.A., Goshen College, 1961. Education.  
 Audrey Andreyevna Ushenko, B.A., Indiana University, 1965. Art.  
 Margaret Anne Van Dusen, B.S., Northwestern University, 1965. Speech.  
 Jill K. van Straaten, B.A., Smith College, 1964. History.

## ONE HUNDRED AND NINTH COMMENCEMENT

María Teresa Viñas Urquiza, Bachelor's equivalent, National University of Cordoba, 1964. Linguistics.  
Rue A. Wallace, B.A., Miami University, 1965. English.  
Nancy Jane Warnock, B.S., University of Maine, 1954. Speech.  
Estelle Weisman, B.A., University of California, 1965. Speech.  
Margaret Thomas Wentworth, B.A., Ohio Wesleyan University, 1961. Mathematics.  
Joseph E. Whitbread, B.S., LeMoyne College, 1965. Economics.  
Carolyn Pitt White, B.A., Northwestern University, 1965. Art.  
Michael Jeremiah White, B.S., Massachusetts Institute of Technology, 1965. Political Science.  
Beverly Judge Wong, A.B., McPherson College, 1964. Religion.  
Samuel Peng-Yuen Wong, B.Th., Trinity Theological College, 1962. Religion.  
Carolyn Virginia Young, B.S., Purdue University, 1963. Speech.  
Philip Barnard Young, A.B., Wabash College, 1965. Education.  
Anne Mari Zenzer, B.A., DePaul University, 1966. History.  
N. Allen Zoroya, B.A., Eastern Nazarene College, 1965. Philosophy.

### MASTER OF ARTS IN TEACHING

Gilbert Anthony Mickina, B.A., Northwestern University, 1965. Education.

### MASTER OF SCIENCE

Robert A. Abrams, B.S. Massachusetts Institute of Technology, 1961. Mathematics.  
Ranjit K. Advani, B.Tech., Indian Institute of Technology, 1965. Chemical Engineering.  
Robert Allan Agnew, B.M.E., Cornell University, 1964. Industrial Engineering.  
David Ture Ahlberg, B.A.Sc., University of Waterloo (Canada), 1965. Chemical Engineering.  
Tetsuo Akiyama, B.S., Tokyo Institute of Technology, 1960. Chemical Engineering.  
Norman Tristram Higgs Allen, D.D.S., McGill University, 1964. Dentistry.  
William Paul Bakken, B.S., North Dakota State University, 1963. Mechanical Engineering.  
Alice Barrieux, Baccalaureat en Science, University of Paris, 1956. Pharmacology.  
Alex John Bart, Jr., B.A., Northwestern University, 1963. Physiology.  
Robert R. Bass, B.S., Purdue University, 1962. Mechanical Engineering.  
Marvin Stephen Berman, B.S., Newark College of Engineering, 1964. Chemical Engineering.  
Ira Birnbaum, B.E., The Cooper Union, 1965. Civil Engineering.  
Stanley Paul Blair, D.D.S., Northwestern University, 1963. Dentistry.  
Lance Harris Breger, B.A., Lake Forest College, 1962. Electrical Engineering.  
Carol L. Bright, A.B., University of Rochester, 1965. Biology.  
Stephen Dale Bronn, B.S., University of Nebraska, 1966. Mathematics.  
William C. Brown, Jr., B.S., University of Miami, 1965. Mathematics.  
Nancy Klahn Byram, B.A., North Park College, 1965. Psychology.  
Kuang-Ho Chen, B.S., National Taiwan University, 1965. Mathematics.  
Bettyjean V. Chidekel, B.S., Northwestern University, 1965. Electrical Engineering.  
Daniel Cyril Chin, D.D.S., McGill University, 1965. Dentistry.  
Sou-yung Chiu, B.S., National Taiwan University, 1965. Mathematics.  
George August Chrones, B.A., University of Oregon, 1964. Mathematics.  
Mary Suzanne Hopkins Coates, B.A., Bryn Mawr College, 1953. Geology.  
Robert Phillip Collier, B.A., MacMurray College, 1964; B.S., Columbia University, 1965. Mechanical Engineering.  
Kenneth Cypra, B.S., Newark College of Engineering, 1966. Civil Engineering.  
Floyd A. Damon, D.D.S., University of Washington, 1963. Dentistry.  
Luu Huu Dung, B.S., National Technical Center of Viet Nam, 1963. Civil Engineering.  
Michael Edesess, B.S., Massachusetts Institute of Technology, 1965. Mathematics.  
Martin Michael Eisman, B.S., Pennsylvania State University, 1965. Civil Engineering.  
Carl A. Erdman, B.S., Northwestern University, 1965. Nuclear Engineering.



- Lawrence Stanley Evans, B.S., Case Institute of Technology, 1965. Mathematics.  
 David Irwin Farrell, B.A., University of Western Ontario, 1965. Transportation.  
 Irwin Stuart Feldman, D.D.S., Georgetown University, 1965. Dentistry.  
 Peter Richards Fenner, B.S., Worcester Polytechnic Institute, 1964. Electrical Engineering.  
 John David Ferguson, B.E.E., Villanova University, 1964. Electrical Engineering.  
 Robert W. Fitzgerald, B.A., University of Notre Dame, 1965. Civil Engineering.  
 David L. Fogt, B.S., Ohio Northern University, 1965. Civil Engineering.  
 Alan Gary Galsky, B.S., Roosevelt University, 1964. Biology.  
 Mary Martin Gant, B.A., Vassar College, 1965. Mathematics.  
 Robert Clark Gerber, B.S., Tulane University, 1965. Mathematics.  
 Walter Arnold Gibbins, B.S., University of Manitoba, 1964. Geology.  
 Harold L. Goldstein, B.E., The Cooper Union, 1965. Civil Engineering.  
 Edgar Earl Graham, B.S., Pennsylvania State University, 1965. Chemical Engineering.  
 Allen Robert Grahm, B.S., Northwestern University, 1965. Biomedical Engineering.  
 Carolyn Gray, B.S., Newcomb College, 1966. Mathematics.  
 George Lapin Grossman, B.A., Carlton College, 1966. Mathematics.  
 Antone Edward Grosso, D.D.S., Marquette University, 1965. Dentistry.  
 Stanton Harris Hall, D.D.S., Northwestern University, 1967. Dentistry.  
 David Thomas Hartgen, B.S., Duke University, 1966. Civil Engineering.  
 James Hubert Hauser, Jr., M.D., University of Michigan, 1961. Anatomy.  
 Donald Ross Hazelton, B.S., Lafayette College, 1965. Chemical Engineering.  
 Ronald Lewis Hazelton, B.S., Lafayette College, 1965. Chemical Engineering.  
 Madhukar G. Hegde, B.Ch.E., University of Bombay, 1965. Chemical Engineering.  
 Robert Nelson Hicks, D.D.S., University of Alberta, 1962. Dentistry.  
 Eugene Burnett Hogenauer, B.S., Clarkson College, 1965. Engineering Sciences.  
 Kevin A. Houlihan, B.S., Loyola University, 1964. Psychology.  
 Thomas Henry Howard, B.Ch.E., Villanova University, 1965. Chemical Engineering.  
 Nicolaas Johannes Joseph Huige, Bachelor's equivalent, Technical University of Eindhoven (The Netherlands), 1963. Chemical Engineering.  
 Ike Jiuun-shyon Hung, B.S., National Taiwan University, 1964. Biomedical Engineering.  
 William R. James, B.A., Earlham College, 1964. Geology.  
 Ted Gunnar Johnson, B.S., Milwaukee School of Engineering, 1965. Electrical Engineering.  
 Arthur E. Kennedy, D.D.S., University of Washington, 1963. Dentistry.  
 Dae Kyoon Kim, B.S., Seoul National University, 1964. Chemical Engineering.  
 Arden Grant Kitchen, D.D.S., Northwestern University, 1967. Dentistry.  
 David Samuel Klatman, B.S., Case Institute of Technology, 1965. Mathematics.  
 Edwin M. Klein, B.A., Northwestern University, 1966. Mathematics.  
 David Earl Knickerbocker, B.S., Purdue University, 1964. Electrical Engineering.  
 Richard R. Koehn, B.S., University of Wisconsin, 1965. Civil Engineering.  
 Harvey Joseph Kosherick, B.C.E., The Cooper Union, 1964. Civil Engineering.  
 Michael George Kovac, B.S., University of Notre Dame, 1963. Biomedical Engineering.  
 Fred John Kuechelmann, B.S., Northwestern University, 1965. Chemical Engineering.  
 Robert Yih-Shyong Lai, B.A., Tiwan Provincial University, 1957. Civil Engineering.  
 Brian R. Lau, B.S., Northwestern University, 1965. Mathematics.  
 Louis Robert Lindeman, B.S., University of Cincinnati, 1965. Chemical Engineering.  
 Liu Yu-cheng, B.S., National Taiwan University, 1965. Mathematics.  
 Richard J. Maher, B.S., University of Notre Dame, 1965. Mathematics.  
 William Wood Mann, B.S., Virginia Polytechnic Institute, 1959. Civil Engineering.  
 Donald Joseph Massaro, B.S., University of Notre Dame, 1965. Mechanical Engineering.  
 James William Maurer, B.S., Bradley University, 1960. Electrical Engineering.  
 Frank Sherwood Meade, B.S., University of Wisconsin, 1966. Chemical Engineering.  
 Stuart Meshboun, B.S., University of Chicago, 1965. Mathematics.  
 Edwin L. Meyer, Jr., B.S., B.A., Bucknell University, 1965. Civil Engineering.

# ONE HUNDRED AND NINTH COMMENCEMENT

- M. Hamdi A. H. Mohammed, B.Ch.D., Alexandria University (Egypt), 1963. Dentistry.
- Charles Mueller, B.S., Illinois Institute of Technology, 1964. Nuclear Engineering.
- K. Nagasubramanian, B.Ch.E., University of Bombay (India), 1965. Chemical Engineering.
- Thomas Cooke Nelson, D.D.S., University of Tennessee, 1955. Dentistry.
- Edward S. Neumann, B.S., Michigan Technological University, 1964. Civil Engineering.
- Andrew Nigrini, B.A.Sc., University of Toronto, 1962. Geology.
- Robert John Parkinson, B.S., University of Idaho, 1924. Biomedical Engineering.
- Gary Steven Patrik, B.S., University of Chicago, 1966. Mathematics.
- Barry Carroll Peterson, B.A., Northwestern University, 1966. Mathematics.
- Lawrence Henry Pinto, B.S., Villanova University, 1964. Biomedical Engineering.
- Curtis DeWitt Port, B.S., University of California, 1956. Pathology.
- Bradford Weber Porter, D.D.S., Ohio State University, 1963. Dentistry.
- Don David Porter, B.A., Rice University, 1965. Mathematics.
- K. G. Rabindran, B.E., University of Madras (India), 1957. Electrical Engineering.
- Raghubathan Rajagopalan, B.Eng., Annamalai University 1960; M.E. Indian Institute of Science, 1963. Electrical Engineering.
- Senniappan Rathnasamy, B.E., University of Madras (India), 1965. Industrial Engineering.
- John Hamilton Reeder, B.S., Stevens Institute of Technology, 1966. Mathematics.
- John J. Rothkopf, B.S., Carnegie Institute of Technology, 1964. Civil Engineering.
- Dipak Roy, B.Ch.E., Jadavpur University (India), 1963. Chemical Engineering.
- Wilson John Rugh II, B.S., Pennsylvania State University, 1965. Electrical Engineering.
- Michael Lee Russ, B.S., Purdue University, 1964. Biology.
- Samuel T. Sakamaki, D.D.S., Northwestern University, 1959. Dentistry.
- Shreekanth Sambrani, B.Tech., Indian Institute of Technology, 1965. Chemical Engineering.
- Fred Schaeffer, B.A., Brooklyn College, 1960. Industrial Engineering.
- Walter Schmidt, B.S., University of Washington, 1965. Chemical Engineering.
- Clarke Henry Pierre Schneider, A.B., Dartmouth College, 1965. Geography.
- William Walters Schoening, A.B., Princeton University, 1965. Mathematics.
- William Earl Schultz, B.S., University of Toledo, 1965. Chemical Engineering.
- Dudley J. Schwartz, B.S., Rensselaer Polytechnic Institute, 1966. Applied Mathematics.
- John A. Scott-Monck, B.S., Iona College, 1958. Materials Science.
- Lalita Sen, B.Sc., University of Wales, 1965. Geography.
- Steven Michael Shor, B.S., University of Massachusetts, 1965. Chemical Engineering.
- George W. Shurr, B.A., University of South Dakota, 1965. Geology.
- Gerald Burton Silverman, B.S., Brooklyn College, 1966. Mathematics.
- Carl Paul Simon, B.S., University of Chicago, 1966. Mathematics.
- James Arthur Smith, D.D.S., Loyla University, 1961. Dentistry.
- Richard Warren Smith, B.S., Northwestern University, 1965. Civil Engineering.
- William J. Steingrandt, B.S., Northwestern University, 1963. Electrical Engineering.
- W. Riley Stock, B.S., Portland State College, 1965. Physics.
- Ronald Lynn Stout, B.S., Iowa State University, 1964. Electrical Engineering.
- Darwyn Gale Stuart, A.B., Dartmouth College, 1963. Transportation.
- Elizabeth Thorson Stump, B.A., Northwestern University, 1965. Biology.
- Ann Clare Supple, B.A., College of Notre Dame, 1965. Biology.
- Kathleen Anne Szabo, A.B., Vassar College, 1965. Mathematics.
- Stephen Anthony Sygenda, Jr., B.S., Fairleigh Dickinson University, 1965. Applied Mathematics.
- Masaru Tanaka, B.S., Kyoto University, 1964. Civil Engineering.
- Ronald Richard Tarica, B.S., Illinois Institute of Technology, 1964. Chemical Engineering.
- William Charles Tempelmeyer, B.S., Northwestern University, 1964. Electrical Engineering.
- Alan Lee Tharp, B.S., Northwestern University, 1965. Industrial Engineering.
- Nick A. Tomaro, Jr., B.S., Northwestern University, 1965. Civil Engineering.
- Paul Albert Torelli, B.A., LaSalle College, 1965. Mathematics.



## NORTHWESTERN UNIVERSITY

Errol Unikel, B.S., University of Illinois, 1965. Industrial Engineering.  
Akio Urakami, B.S., Tokyo Institute of Technology, 1965. Materials Science.  
Dennis Wilford Valentine, B.S., Norwich University, 1965. Civil Engineering.  
William B. Veseley, B.S., University of Chicago, 1965. Mathematics.  
Wilbur L. Weare, B.A., Hanover College, 1952. Industrial Engineering.  
Betty Jane Weaver, A.B., Randolph-Macon Woman's College, 1965. Biology.  
Barry S. Wellar, B.A., Queen's University (Canada), 1965. Geography.  
Paul W. Wheeler, B.E., The Cooper Union, 1964. Mechanical Engineering.  
Thomas E. Wilson, B.S., Northwestern University, 1965. Civil Engineering.

# THE DIPLOMAS

## THE COLLEGE OF ARTS AND SCIENCES

*Candidates presented by* DEAN ROBERT H. STROTZ

### DIPLOMA IN ARTS AND SCIENCES

Marilyn Joan Fall  
Robert James Giery  
Carol Marie Henrich

Judy Kristine Kane  
Maro P. Khatchadurian  
André Fredrick Scheffer

## THE SCHOOL OF DENTISTRY

*Candidates presented by* DEAN GEORGE W. TEUSCHER

### DIPLOMA AS DENTAL HYGIENIST

Sherryl Lynn Ashbrook  
Judith Kathryn Barnett  
Nancy L. Bartos  
Brenda Joan Buedel  
Geri Jane Cohen  
Susan C. Crouch  
Susan M. Ganetis  
Sally Jo Gustitus  
Kathy Sue Hotaling  
Susan Carol Langson  
Mary Jane Lyboldt  
Mary Jean Lyons  
Laurel L. Mann

Wendolyn L. Ruff  
Gwen Ann Rys  
Susan Sophia Sampalis  
Roberta A. Schmidt  
Kathy Ann Schoenberger  
Cheryl Ann Shaver  
Deryl Rena Tegge  
Renée Uribe  
Paula D. Vana  
Eileen Wiedmeyer  
Karon Lynn Yoder  
Linda Gail Zolla  
Susan Victoria Zwolak

## THE SCHOOL OF BUSINESS

*Candidates presented by* DEAN JOHN A. BARR

### DIPLOMA IN BUSINESS

Robert Charles Brewer  
Roy Hugo Brolin  
John Raymond Brouch  
Raymond Chalmer Clark  
Neil Calvin Foster  
William Lawrence Hogan  
Elmer Charles Jones  
Daniel Charles Kumro, Jr.

Richard Lee Levinson  
Margaret Mary McCarthy  
John Peter Merenkov  
James Joseph O'Hara  
Glenwood Morris Todd  
Leonard Joseph Tomaszewski  
Ronald Walter Tomaszewski

NORTHWESTERN UNIVERSITY

DIPLOMA IN PROFESSIONAL ACCOUNTING

Adeline Perlman Berns	Mitchell Jay Meltzer
Cardiss Hortense Robertson Collins	Edwin Mario Petrilli
Anthony Greco	Joseph Frank Ratuszny
William Robert Hagan	Fay Sobel
Naomi Mary Ayres Herman	Gerald Vidmont
Erwin Ronald Kalinski	Daniel Wojtowicz
James Drummond MacLeish	

EVANSTON HOSPITAL SCHOOL  
OF NURSING

*Candidates presented by* DOROTHY JOHNSON, CHAIRMAN,  
DEPARTMENT OF NURSING

DIPLOMA AS GRADUATE NURSE

Lynda Marie Behrendt	Janie Oshanna Janssen
Roberta Jeannette Bell	Sandra Kay Johnson
Nancy Elizabeth Bertram	Dorothy Marjorie Kerr
Jeanne Lynne Biddle	Valerie Jo Kledzik
Susan Gay Bloom	Martha Elizabeth Koerner
Sandra Jean Blount	Jean Caroline Kramka
Susan Jane Blount	Karen Ann Kubicek
Jeanne Lynn Bolle	Nancy Irene Long
Janet Ragena Boma	Nancy Ann Magnuson
Michelle Breting	Betty Grace Miller
Diane Kay Bronkema	Corolee Ann Peterson
Margaret Gormsen Bursztynsky	Ann Frances Pierce
Kathryn-Jo Cannon	Linda Jane Plinske
Melissa Mundwiler Cox	Karen Quay Potter
Carol Lynn Dewar	Patricia Mae O'Keefe
Loralee Ann Efner	Judith Howell Russell
Susan Kathleen Gabler	Cheryl Lee Schemel
Barbara Gajewski	Margaret Chapin Snell
Judith Jean Goedhart	Sandra Ann Soroka
Jacquelyn Dawn Hansen	Phyllis Lanita Swilley
Jane Kathleen Harms	Barbara Ann VanHuisseling
Nancy Ruth Hey	JoAnn Marie Young
Christine Jablonski	Nancy Jean Zelenik

CHICAGO WESLEY MEMORIAL  
HOSPITAL SCHOOL OF NURSING

*Candidates presented by* DIRECTOR VERA E. THOMPSON

DIPLOMA AS GRADUATE NURSE

Judith Ann Adams	Nancy Ruth Beckman
Una Sue Allen	Joyce Evelyn Bender
Sharon Lynn Andrews	Laura Lee Bernero
Ingrid Ann Baris	Ellen Sue Bernhart

# ONE HUNDRED AND NINTH COMMENCEMENT

Susan Katherine Elftman Bisbee  
 Catherine Lynn Bishop  
 Elizabeth Leah Briley  
 Joanne Chait  
 Susan Marie Daniel  
 Barbara Jean Dilli  
 Joann Delores Earnest  
 Patricia June Evenhouse  
 Geraldine Esther Farr  
 Patricia Lynne Fausey  
 Nancy Louise Grant Fitch  
 Constance Lisa Ford  
 Linda Lucille Haeger  
 Constance Lee Peterson Hager  
 Joyce Dolores Hall  
 Marsha Ann Morris Halstead  
 Linda Lee Hartz  
 Linda Rae Hibner  
 Beth Ann Hurliman  
 Billie Jean Jenkins  
 Cynthia Rae Johnson  
 Jean Arlene Kerwin  
 Karen Ann Knott  
 Lorraine Marie Koszyk  
 Darlene Ann Kouri  
 Kathleen Doris Markwardt  
 Katherine Lucille Marshall

Beverly Jean Mathews  
 Cheryl Lynn May  
 Carol Florence Mayhercy  
 Bonnie Rae McGee  
 Bonnie Jean McLean  
 Diana Joy Moore  
 Kathleen Ann Noggle  
 Bernadette Charmaine Popovich  
 Susan Darlene Potzler  
 Linda Ann Quackenbush  
 Carol Ann Redman  
 Mona Rae Richardson  
 Martha Lee Riecken  
 Suzanne Rigoni  
 Susan Lee Roeslen  
 Roberta Cecelia Roth  
 Joy Lois Rudolph  
 Kathryn Lee Schuld  
 Phyllis Jean Schutte  
 Dorothea Christine Schwandt  
 Karen Elizabeth Shimko  
 Joan Marie Thiet  
 Margaret Susan Titus  
 Joy Arlene Brown Trepanier  
 Marilyn Lee Turner  
 Joyce Marie Stout Urbaniak  
 Geraldine Lillian Vavra

## PASSAVANT MEMORIAL HOSPITAL JAMES WARD THORNE SCHOOL OF NURSING

*Candidates presented by* DIRECTOR EVELYN E. NICHOLSON

### DIPLOMA AS GRADUATE NURSE

Gloria Hehman Bauer  
 Karen Hanson Bednar  
 Lindsay Dayton Berryman  
 Janice Lynn Carter  
 Kathleen Marie Collins  
 Susan Valerie Coon  
 Mary Di Gangi  
 Christine Gale Goodner  
 Mary Christopher Hamburg  
 Janice Kay Janken  
 Lynda Kathryn Johnston  
 Charlene Susan Kalbac  
 Kristi Ann Kalter  
 Patricia Ann Kirkwood  
 Lisa Fack Klebe  
 Marilyn Claire Larson

Sheila Maureen McKinney  
 Susan Christine Mehl  
 Mary Jo Mills  
 Diane Olson Ochocki  
 Linda Louise Okray  
 Donna Lee Olsen  
 Karen June Olson  
 Barbara Ann Peterson  
 Cherryl Ann Peterson  
 Melinda Davis Rutledge  
 Janis Mary Theobald  
 Jo Anne Warner  
 Alice Russell Wells  
 Phyllis June Werner  
 Jeannine Lee White

THE TRAFFIC INSTITUTE

*Candidates presented by* JAMES M. SLAVIN, *Director*

DIPLOMA IN TRAFFIC POLICE ADMINISTRATION

Edward H. Berry  
Eugene E. Brady  
A. J. Brown  
Jack R. Buckalew  
J. F. Cardwell  
Donald S. Clem, Jr.  
James R. Coffron  
William H. Crumbaker  
John F. Duignan  
John B. Edwards  
Lawrence J. Elenz  
Harry Ervanian  
Neal Evans  
John A. Filippelli  
Carlton Fisher  
James F. Gillespie  
Robert W. Glenn  
Michael J. Griffin  
Makram Y. Guirguis  
Howard A. Haag  
Arthur G. Hess  
Richard H. Heydt  
John P. Hussey  
Daniel J. Jordan, Jr.  
Richard J. Joyce  
Jerome D. Lacke  
Patrick R. Larion

Edward R. Leibe  
Walter Link  
John H. Little  
Antonio C. Mariano  
Warren L. Maynard  
James T. McGuire  
Thomas A. McParland  
Patrick B. McPartland  
Jay R. McReynolds  
Ralph T. Milstead  
Donald W. Moberly  
Walter B. Moore  
James P. Moss  
Theodore S. Moyer  
Charles W. Murphy  
Bobbie R. Oaks  
Carol A. Reggio  
Paul J. Ruge  
William J. Ryan  
Jack O. Speakman  
Bernard G. Stanalonis  
Walter Vallee  
David F. Van Aken  
Leroy Watson  
Edward G. Wishart  
Earl P. Wright



# DEGREES GRANTED

*since June 1966*

## Academic Year 1966-67

### MASTER OF LAWS

Melvin Gutterman, LL.B., Brooklyn Law School, 1961

Charles Howard Rogers, LL.B., University of Nebraska, 1962

### JURIS DOCTOR

Thomas Mellis Carney  
Stuart Hecker  
Walter Clyde Jones III  
\*Timothy Carver Klenk  
Henry deVos Lawrie, Jr.

Wayne Leonard Ogne  
\*John Rice  
Craig Barry Sherman  
Anthony Winfield Summers III

*\*Cum laude*

### DOCTOR OF DENTAL SURGERY

Patrick P. S. Cheok  
Gérard Adolphe Haiat  
Robin Matthew Hoffer  
Richard Jason Kosch  
Thomas Charles Licking  
George W. Martin

John Carl Pearson  
John W. Preece  
Daniel K. Remley  
Roland Joseph St. Onge, Jr.  
Verne Lee Vance

## Summer Session 1966

### BACHELOR OF ARTS

Mary Diane Anglem  
Angela Baltas  
James Kean Bland  
James Gary Bowerman  
Jonathan Craig Boydston  
Paul Francis Cunningham  
William John DeLong  
Sara Hadley Devens  
Rudite Elmanis  
Mark Forester  
John Edward Forestner  
James Walter Harris, Jr.  
Howard Gaebler Hill  
Marjorie Hilsenrad  
Joan Denise Huguelet  
Daniel William Indelli  
David Goff Jackson  
Dorothy Jean Jacobson  
Abby Wolfson Kuznesof  
Rudolph Harvey Light  
Susan Kay Luebbers  
Alan James Mackall

Gerrit Parrish Masselink  
Gerald Aubbie Nissenbaum  
John Scott Nystrom  
Penelope Joan Pala  
Thomas Melford Pitre  
Robert Joseph Raab  
Brian Malcolm Roubinek  
Stephen James Russ  
Susan Beaven Selden  
Sabi Henri Shabtai  
Joanne Shirley  
Judith Ann Siddall  
Lilian Lundin Stafford  
James Edward Thompson  
Richard Edwin Trieb  
Walter Scott Trude III  
Sandra Goodspeed Turner  
Randale Ray Valenti  
Barbara Flack Verrier  
Linda Adeline Whitley  
Valerie Joan Wood  
Mark Marshall Zide

## NORTHWESTERN UNIVERSITY

### BACHELOR OF PHILOSOPHY

Lowell Roland Chocola  
Sonja May Grung  
Donald Lee Howard  
Mary Ann Karris  
Louise Victoria Kose  
Barry Liss

David Joseph Mescheloff  
Jane Louise Shultz  
Lousvart Ann Tcheupdjian  
Zaiga Elza Tums  
Ellen Marie Vogel  
Baruch Ber Zimmerman

### BACHELOR OF SCIENCE IN GENERAL EDUCATION

Richard Keith Hiller, Jr.

### JURIS DOCTOR

Jeffrey Joseph Estes

### BACHELOR OF SCIENCE IN SPEECH

Mary Christine Barth  
Ann Beth Brodsky  
Margaret Ellen Brunk  
Edward Rogers Cleary  
Joel Erwin Evans  
Mary Susan Kuhn  
Anthony Alan Mohs

Susan Muriel Ohl  
Ellen Frances Reiss  
Patricia Anne Retterer  
Alan Jerrold Rubin  
Wesley Eaton Sims, Jr.  
Peter Fredric Steinberg  
Richard Livingston Sterne

### MASTER OF MUSIC

Karen Mae Albers, B.S., Concordia Teachers College, 1961.  
Theodore James Berg, B.M., De Paul University, 1949.  
Larry Benton Black, B.S., Northern Illinois University, 1963.  
Betty Jean Bradfield, B.A., Augustana College, 1965.  
Jack Davis Bradshaw, B.M., Oklahoma City University, 1965.  
Elizabeth Roberts Cheyney, B.S., University of Richmond, 1964.  
Marvin George Eckroth, B.S., Dickinson State College, 1962.  
Melinda Edwards, Mus. B., Oberlin College, 1962.  
Gordon August Ewald, B.A., Kenyon College, 1966.  
Rita Mae Gingrich, B.M., Knox College, 1965.  
Earl Wallace Greene, B.M.E., Shenandoah Conservatory of Music, 1959.  
Kuo - Huang Han, B.A., Tunghai University, 1959.  
Carlene Esther Helmkamp, B.S., Concordia Teachers College, 1960.  
Kenneth John Hughes, B.S., Ohio State University, 1965.  
Marjorie Garbisch Johnston, B.A., Carlton College, 1964.  
Maxine Ribstein Kanter, B.M., Northwestern University, 1945.  
Guinevere Rey Mabunay, B.M.E., Northwestern University, 1960.  
June Rae Meador, A.B., Doane College, 1957.  
Sister Grace Therese Meditz, B.A., College of St. Francis, 1951; B.M., University of Illinois, 1961.  
Ned Erwin Mohr, B.M., Northwestern University, 1965.  
Florence Anne Parks, Mus. B., Oberlin College, 1965.  
Sylvia Carol Paulon, B.M.E., Northwestern University, 1962.  
Brian O'Dean Perry, B.M.E., Arkansas State Teachers College, 1965.  
Peggy Kelley Reinburg, B.A., Mary Washington College, 1958.  
Alan David Roselieb, B.S., Northern Illinois University, 1962.  
Nohema Fernandez Ross, B.M., De Paul University, 1965.  
Martha Rotter, B.S., University of Illinois, 1962.  
Carolyn Nelson Sanderson, B.M.E., Augustana College, 1961.  
Ronald Maynard Schroeder, B.A., Augustana College, 1962.  
Richard Daniel Schumacher, B.S., Concordia Teachers College, 1953.

## ONE HUNDRED AND NINTH COMMENCEMENT

James Joseph Skomer, B.M.E., Northwestern University, 1961.  
Maurine Mullin Walton, B.A., Newcomb College, 1962.  
Mary Louise Becker Weddle, B.M.E., De Pauw University, 1961.  
Ralph Gerson Wilder, B.M.E., Northwestern University, 1965.

### BACHELOR OF MUSIC

Vincent Paul Skowronski

### BACHELOR OF MUSIC EDUCATION

Robert George Brown	Grace Ruch Helmut
Sylvia Kay Dieterichs	Karen Hepner
Shelby Keith Dixon	Marianne Elizabeth Locke
Charles Edgar Geyer	

### MASTER OF BUSINESS ADMINISTRATION

Wayne Robert Carlstedt, B.A., Denison University, 1963.  
William Gapp, B.S.I.E., Northwestern University, 1959; M.S.I.E., Northwestern University, 1960.  
Charles Linscott Henderson, Jr., B.S., Bradley University, 1950.  
James Edward Long, B.S.E.E., Purdue University, 1964.  
Charles George Meister, B.B.A., University of Toledo, 1961.  
Robert Lloyd Morgan, B.S., Illinois Institute of Technology, 1955.  
Arnold Joshua Pritsker, B.S., University of Pennsylvania, 1960.  
Robert Connell Steffey, B.S., Stanford University, 1964.  
Leonard Eugene Toy, B.A., Thiel College, 1959.  
Richard Louis Urevig, B.S.B.A., Northwestern University, 1960.  
Karl George Weber, B.A., University of Colorado, 1959.

### BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Thomas Bennett Bartel, Jr.	Albert Cleve Stolper
Janet Marie Cline	Gerald Richard Thom
John Michael Hale	Gerhard Heinz Thomsen
Ronald Carl Loidl	Raymond Frank Werich

### BACHELOR OF BUSINESS ADMINISTRATION

Lionel Lloyd Andersen	Robert Charles Reiner
Kenneth George Dopheide	Roland Joseph Rives
Richard Lawrence Elder	Lee Wayne Rueckert
Eugene Michalow	Ronald Anthony Swiss
Richard Ralph Parker	James Lee Thompson
William Arnold Petrillo	Gary Lee Wirt
Bruno Raymond Popiela	Elvis LeRoy Wohlschlegel
Donald Lee Raymond	

### MASTER OF SCIENCE IN JOURNALISM

James Michael Berberet, B.A., University of Notre Dame, 1965.  
Janis Dentino Bushong, B.S. in Education, Northwestern University, 1960.  
Agnes Lucille Enix, B.S., Oklahoma State University, 1955.  
Walter Alexander Forbes, B.S. in Journalism, Northwestern University, 1965.  
Ronald John Getz, B.S., Loyola University, 1961.  
Carole Marguerite Gorney, B.A., College of St. Joseph, 1965.  
John Karl Harms, A.B., Marquette University, 1965.  
Roger Douglas Hughes, B.S., Portland State College, 1964.

## NORTHWESTERN UNIVERSITY

Alois J. Imfeld, *Matura, Gymnasium Immensee* (Switzerland), 1951; M.A., Fordham University, 1965.

Barry Strobert Johanson, B.A., University of Notre Dame, 1965.

Robert Bruce Morgan, B.S., Massachusetts Institute of Technology, 1965.

William Ross Rice, B.A., Ohio State University, 1962.

\*Jerry Robert Salancik, B.S. in Journalism, Northwestern University, 1965.

Fredric Cloise Tasker, B.A., Michigan State University, 1963; M.A., Johns Hopkins University, 1965.

### BACHELOR OF SCIENCE IN JOURNALISM

Ruthe Barbara Begun

Robert Brooks Birney

Nancy Louise Cook

Paula Borenstine Crane

Susan Holly Stocking

### BACHELOR OF SCIENCE IN EDUCATION

James William Albrecht

Meredith Brown Brestin

Lutaf Kassamali Dhanidina

Theresa Colette Nolan

Leslie Bernardini Pionke

Joy Melinda Snyder

### BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Jack Rowland Doub

Ronald W. Westholm

### BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Donald Allan Cox

### BACHELOR OF SCIENCE IN SCIENCE ENGINEERING

John Nicholas Faul

Claus Gary Junge

### DOCTOR OF PHILOSOPHY

John Campbell Abra, B.A., University of Manitoba, 1962; M.A., 1964. Psychology. *Acquisition and Retention of Consistent Associative Responses with Varied Meaningfulness and Similarity of Stimuli.*

Louis M. Alberino, B.E., Yale University, 1962; M.S., Northwestern University, 1964. Chemical Engineering. *Radiation Induced Changes in the Molecular Weight of Polystyrene in the Pre-Gel Region.*

William Parker Allman, B.I.E., New York University, 1959; M.S., Northwestern University, 1960. Industrial Engineering. *A Network-Simulation Approach to the Railroad Freight Train Scheduling and Car Sorting Problem.*

Frank D'Arcy Alt, B.P.E., Purdue University, 1951; M.S. in Ed., 1955. Education. *Grievance Procedures for Teachers in Large City School Systems.*

Michael John Bakalis, B.S., Northwestern University, 1959; M.S., 1962. History. *Ninian Edwards and Territorial Politics in Illinois: 1775-1818.*

Neal Balanoff, B.A., Cleveland College, 1949; M.A., Western Reserve University, 1950. Speech. *A Communication Patterns Study of Retired Faculty from Selected Missouri Institutions of Higher Learning.*

Mary Anne Beaton, B.Sc., University of Alberta, 1938; B.Ed., 1946; M.Ed., 1957. Education. *A Study of Underachievers in Mathematics at the Tenth Grade Level in Three Calgary High Schools.*

Armin Beck, B.S., St. Louis University, 1947; M.A., Northwestern University, 1956. Education. *An Approach to In-Service Preparation of Teachers of Urban Disadvantaged Youth.*

\*With distinction



- Barbara Jane Bucknall, B.A., Oxford University, 1955; M.A., 1959. Romance Languages. *The Religion of Art in Proust*.
- Cleo Harlan Cherryholmes, B.A., Yale University, 1960; M.S., Kansas State University, 1963. Political Science. *The House of Representatives and Foreign Affairs: A Computer Simulation of Roll Call Voting*.
- Barbara Leiner Claster, A.B., Ohio University, 1953; M.A., Northwestern University, 1954. Education. *College Student Differences in Situations of Authority, Individualism, and Social Dating*.
- Barry George Cole, B.S., University of Pennsylvania, 1961; M.A., Northwestern University, 1964. Speech. *The Australian Broadcasting Control Board and the Regulation of Commercial Radio in Australia since 1948*.
- Harry Edgar Cook, B.S., Case Institute of Technology, 1960; M.S., 1962. Materials Science. *Interdiffusion in Silver-Gold Solid Solutions at Low Temperatures*.
- James W. Daley, B.A., St. Peter College, 1955; M.A., Kansas State University, 1961. Philosophy. *Freud and Moral Philosophy*.
- Philip Hunt Decker, B.A., Knox College, 1954; M.A., Northwestern University, 1955. Speech. *The Use of Classic Myth in Twentieth-Century English and American Drama, 1900-1960: A Study of Selected Plays*.
- Lee J. Dudek, B.A., Marquette University, 1947; B.A. in Journalism, 1948; M.A., Northwestern University, 1949. Speech. *The Decision-Making Process in the Creation of a Network Public Service Program*.
- Beshir Ahmed B. El Abbadi, B.S., University of Khartoum (Sudan), 1961; M.S., Northwestern University, 1963. Mechanical Engineering. *Analytical Study of Upper Limit Flames*.
- Helmut Epp, Bachelor's equivalent, University of Chicago, 1957; M.S., Northwestern University, 1964. Mathematics. *Commutative Group Schemes, Harrison's Theorem, and Galois Extensions*.
- Carl Wayne Fairhurst, B.S., Marquette University, 1959; M.S., 1959. Materials Science. *The Crystallography of Dental Amalgam*.
- Sheldon P. Fardig, B.A., Carleton College, 1940; M.M., Northwestern University, 1952. Music. *Effect of a Kinesthetic-Rhythm Activity to Music on Selected Aspects of Behavior*.
- Enid R. Ryodele Forde, B.A., Leeds University (England), 1957; M.A., Northwestern University, 1965. Geography. *The Population of Ghana: A Study of the Spatial Relationships of its Socio-Cultural and Economic Characteristics*.
- Neil J. Freeman, B.S., University of Miami, 1962; M.S., 1965. Civil Engineering. *Some Torsion Problems in Elasticity*.
- Gerald Charles Gaughan, B.A., University of Washington, 1958; M.A., Northwestern University, 1963. English. *Wallace Stevens and Stéphane Mallarmé: A Comparative Study in Poetic Theory*.
- Howard L. Gauthier, Jr., B.S., Central Connecticut State College, 1957; M.A., Northwestern University, 1960. Geography. *Highway Development and Urban Growth in Sao Paulo, Brazil: A Network Analysis*.
- Wesley F. Gibbs, B.Ed., Chicago Teachers College, 1948; M.A., DePaul University, 1953. Education. *Development of a System for Predicting School Enrollment Using Selected Housing Factors*.
- Claire W. Gilbert, B.A., Northwestern University, 1962; M.A., 1965. Sociology. *Community Power Structure: A Study in the Sociology of Knowledge*.
- Ronald George Goetz, B.S., Northwestern University, 1955; S.T.B., Harvard Divinity School, 1958; M.A., Northwestern University, 1962. Religion. *An Abstract of the Problem of the Existence of God in Modern Protestant Theology*.
- Phillip Louis Gould, B.S., University of Illinois, 1959; M.S., 1960. Civil Engineering. *Membrane and Bending Analyses of Hyperbolic Cooling Towers*.
- Robert Arthur Greising, B.S. in Ed., Concordia Teachers College, 1955; M.A., Northwestern University, 1957. Education. *A Pilot Program in Elementary School Guidance: A Study of Change*.
- Gary Lee Haller, B.A., Nebraska State Teachers College, 1962. Chemistry. *Hydrogenation, Isomerization, and Exchange Reactions on Partially Activated Chromium Oxide Catalysts*.
- Robert Franklin Hart, B.S., University of Illinois, 1949; M.S., Illinois Institute of Technology, 1963. Civil Engineering. *On the Analysis of Structures with N-Fold Symmetry*.



- David Lawrence Hector, B.S., Northwestern University, 1962. Mechanical Engineering. *The Linearized Magnetohydrodynamic Flow Past a Semi-Infinite Flat Plate in the Presence of a Transverse Magnetic Field.*
- William Raymond Hiebel, A.B., Loyola University, 1947; M.A., Northwestern University, 1958. English. *The Skepticism of Robert Frost.*
- Seikō Higa, B.A., Pacific University, 1955. Economics. *Effects of Motor Carrier Competition on Railroad Rates: Theoretical and Statistical Analysis.*
- Frank E. Horton, B.S., Western Illinois University, 1963; M.S., Northwestern University, 1964. Geography. *Location Effects on Trip Attraction to Intraurban Retail Firms.*
- Emanuel Hurwitz, Jr., B.S., University of Illinois, 1960; M.A., Northwestern University, 1962. Education. *The Illinois Educational Decision-Making System: Some Predictions and an Analysis.*
- Nandlal Jhunjhunwala, B.Sc., University of Calcutta (India), 1962; M.Sc., University of Bombay, 1963. Mechanical Engineering. *Approximation Techniques in Kinetic Theory.*
- Jeannette Selooover Johnson, B.S., University of Wisconsin, 1962; M.A., Northwestern University, 1963. Speech. *Differential Sensitivity to Intensity Change in Masked Normal Ears.*
- William G. Kilbourne, Jr., B.A., University of Notre Dame, 1959; M.A., University of Illinois, 1960. English. *The Role of Fiction in BLACKWOOD'S MAGAZINE from 1817 to 1845.*
- Orville F. Kimball, B.S., University of Illinois, 1955; M.S., Rensselaer Polytechnic Institute, 1959. Materials Science. *Investigation of the Preprecipitation Process in the Au-Ni System.*
- Juergen G. Koerner, B.S., Technical University of Berlin, 1960. Physics. *Baryon Mass Spectra in a Dynamical S-wave SU(6) Model.*
- Herbert Harris Krauss, B.S., Pennsylvania State University, 1961; M.S., 1962. Psychology. *A Cross Cultural Study of Suicide.*
- Warren L. Lashley, B.A., Kent State University, 1949; M.A., Northwestern University, 1950. Speech. *The Debate Over Imperialism in the United States, 1898-1900.*
- Eugene Paul Lautenschlager, B.S., Illinois Institute of Technology, 1958; M.S., Northwestern University, 1960. Materials Science. *The Effects of Structure Upon the Mechanical Behavior of B-NiAl.*
- Elder M. Lindahl, B.A., Michigan State College, 1951; M.A., University of Michigan, 1952; B.D., North Park Theological Seminary, 1960. Religion. *On Relating Philosophical Inquiry to Religious Conviction with Special Reference to the Early Writings of Sishop Andres Nygren.*
- Harold Wesley Lord, B.S., University of Michigan, 1960; M.S., 1961. Mechanical Engineering. *A Generalized Dynamical Theory of Thermoelasticity.*
- Robert O. Lupella, B.S. in Ed., Southern Illinois University, 1952; M.A., 1953. Speech. *An Investigation of the Maturation of Certain Auditory Skills Among Normal Speaking Children, Three Through Seven Years of Age.*
- Lucille Stringer Mayne, B.S., University of Maryland, 1946; M.B.A., Ohio State University, 1949. Business. *The Effect of Federal Reserve System Membership on the Profitability of Illinois Banks, 1961-1963.*
- Jean B. McGrew, B.A., State College of Iowa, 1955; M.A., 1958. Education. *An Analysis of the 1963-64 National Association of Secondary School Principals' Administrative Internship and its Implication for the Internship in Educational Administration.*
- Michael Leigh McNulty, B.S. in Ed., California State College (Pennsylvania), 1962; M.A., Northwestern University, 1964. Geography. *Urban Centers and the Spatial Pattern of Development in Ghana.*
- Carmen Francis Menezes, B.A., St. Xavier's College, University of Bombay, 1958; M.A., Northwestern University, 1960. Economics. *Agricultural Migration and Rural Development in Ghana.*
- John Mark Messer, B.A., Chapman College, 1962; M.A., Northwestern University, 1965. Sociology. *The Effects of Age Concentration on Organizational and Normative Systems of the Elderly.*
- Raphael Owens Nystrand, B.A., Cornell College, 1959; M.A.T., Johns Hopkins University, 1960. Education. *An Analysis of the Implications of Community Action Programs for Educational Decision-Making.*

- Robert Dale Oursler, B.M.E., University of Wichita, 1948; M.M., Northwestern University, 1954. Music. *The Effect of Pestalozzian Theory and Practice on Music Education in the United States Between 1850 and 1900.*
- Lea Gibbs Park, B.S., Memphis State College, 1956; M.A., 1957. Speech. *Poet of Perspectives: The Style of W. H. Auden.*
- Margaret Mae Hermanek Peaslee, B.S., Florida Southern College, 1959; M.S., Northwestern University, 1964. Biology. *Studies on the Mechanism of Hypertonic Inhibition of the Action of Melanocyte-Stimulating Hormone.*
- Joseph McGarity Perry, A.B., Emory University, 1958; M.B.A., Georgia State College, 1961. Economics. *The Impact of Immigration on Three American Industries, 1865-1914.*
- Frank Bernard Peterson, B.S., University of California, 1961; M.S., Northwestern University, 1963. Mechanical Engineering. *Light Emission from Hydrodynamic Cavitation.*
- Vernon Russell Pickett, B.A., State College of Iowa, 1956; M.A., University of Michigan, 1960. Education. *Evening Programs in Teacher Education: An Exploratory Study of Emphases, Practices, Problems and Issues at Six Private Universities.*
- Robert Piron, B.S., New York University, 1956. Economics. *Two Essays on Human Capital and its Relation to Changing Patterns of Employment and Technological Change.*
- Robert William Porter, B.S., University of Illinois, 1961; M.S., Northwestern University, 1963. Mechanical Engineering. *Theoretical Aspects of Blunt Body Magnetoaerodynamics.*
- Kay Rasco, B.A., University of Mississippi, 1948; M.A., 1953. English. *Supernaturalism in the Heroic Play.*
- David Reid Reynolds, B.S., Pennsylvania State University, 1962; M.S., Northwestern University, 1963. Geography. *Shopping-Trip Inputs in a Boundary Zone.*
- Thomas Sinclair Robertson, A.B., Wayne State University, 1963; M.A., Northwestern University, 1966. Business. *An Analysis of Innovation Behavior and its Determinants.*
- James Robert Rock, B.S., University of Wisconsin, 1957; M.S., 1960. Economics. *The Wisconsin Aluminum Cookware Industry Prior to World War II.*
- Joseph Ronsley, B.S., Northwestern University, 1953; M.A., 1962. English. *The Design of the AUTOBIOGRAPHY of W. B. Yeats.*
- James E. Russell, B.S., South Dakota School of Mines, 1963; M.S., 1964. Civil Engineering. *On the Dynamic Response of Submerged Plates and Shells.*
- Charles John Vincent Scanio, B.S., University of Michigan, 1962. Chemistry. *Approaches to the Synthesis of Tetrahydrogermacrone.*
- Martin A. Seitz, B.S., Marquette University, 1961; M.S., 1963. Materials Science. *Electronic Drift Mobilities and Space-Charge-Limited Currents in Lithium-Doped Zinc Oxide.*
- Michael Joseph Shapiro, B.A., Tufts University, 1962; M.A., University of Hawaii, 1964. Political Science. *The House and the Federal Role: A Computer Simulation of Roll-Call Voting.*
- John Hood Shortreed, B.Engr.Sci., University of Western Ontario, 1960; M.Sc., Queen's University, 1963. Civil Engineering. *Location of Grade Separations on Rural Freeways.*
- Peter Henderson Smith, B.Sc., McGill University, 1959; M.S., Northwestern University, 1962. Geology. *The Structure and Petrology of the Basler-Eau Claire Granite Complex, District of MacKenzie, N.W.T., Canada.*
- William Paul Smith, A.B., Drury College, 1956. Economics. *The American Small Arms Industry: 1870 to 1890.*
- Reuben Joseph Snow, B.A., University of Utah, 1962; M.A., 1964; M.A., Northwestern University, 1964. Political Science. *Local Experts: Their Roles as Conflict Managers in Municipal and Educational Government.*
- William George Struve, B.A., Lake Forest College, 1962. Chemistry. *The Initial Stage in Peptidoglycan Synthesis: Pospho-N-Acetylmuramyl-pentapeptide Translocase (Uridine Monophosphate).*
- Erlind Magnus Thorsteinson, A.B., Bowdoin College, 1960; M.A., Wesleyan University, 1963. Chemistry. *Kinetics and Mechanism of Substitution Reactions of Nitrosyltricarbonyl-cobalt (0) and Some of its Monosubstituted Derivatives.*

## NORTHWESTERN UNIVERSITY

- A. Richard Tinapp, B.A., State University of New York (Albany), 1956; M.A., 1960. Speech. *An Historical Study of Selected American and British Stage Directors, 1869-1890.*
- William Bingham Wadsworth, B.A., Brown University, 1957; M.S., Northwestern University, 1962. Geology. *Quantitative Petrology of Epizonal and Mesozonal-catazonal Granitic Plutons.*
- Thomas Edwards Wagner, A.B., Princeton University, 1964. Chemistry. *A Study of the Reaction of a Polynucleotide Derivative with Cationic Polybases.*
- Rodney W. Whitaker, B.A., University of Washington, 1955; M.A., 1960. Speech. *The Content of Film: A Survey of the Field, and Exhaustive Study of QUAL Des Brumes, and a Functional Description of the Elements of the Film Language.*
- Joel Mann Williams, Jr., B.S., College of William and Mary, 1962. Chemistry. *Reactions of Sulfones: I. Mechanistic Studies of the Ramberg-Bäcklund Reaction; II. Proton Exchange and Epimerization in Sulfones.*
- Gerald Paul Wirtz, B.S., St. Norbert College, 1959; B.M.E., Marquette University, 1961. Materials Science. *Precipitation from Magnesiowüstite Solid Solution.*
- Richard Dean Worrall, B.Sc., University of Durham (England), 1960; M.S., Northwestern University, 1961. Civil Engineering. *Toward a Longitudinal Model of Household Travel.*
- Chao-Chih Yang, B.S., Chinese Naval College of Technology, 1953; M.S., National Chao-Tung University, 1962; M.S., Northwestern University, 1964. Electrical Engineering. *Associative Memory Systems and Their Applications to Picture and Arithmetic Processings.*
- Kenneth Raymond Zanio, B.S., Northwestern University, 1961. Materials Science. *A Study of the Defect Structure of Lead Sulfide.*
- Naomi Kershman Zigmond, B.Sc., McGill University, 1962; M.A., Northwestern University, 1963. Speech. *Intrasensory and Intersensory Processes in Normal and Dyslexic Children.*

### DOCTOR OF EDUCATION

- Eugene Harold Baker, B.A., Carthage College, 1953; M.A., Northwestern University, 1954. Education. *A Comparative Study of Textbook and Simulation Approaches in Teaching Junior High School American History.*

### MASTER OF ARTS

- Wande Abimbola, B.A., University of London, 1963. Linguistics.
- Thomas Lawrence Agabiti, B.A., Rutgers University, 1963. Romance Languages
- Thomas M. Alloway, B.A., Knox College, 1964. Psychology.
- Karen H. Andersen, B.S., Purdue University, 1955. Education.
- Mary Gabrielle Audy, B.S., Loyola University, 1965. Education.
- Barbara Marie Balata, B.S., Bowling Green State University, 1965. Education.
- Charles N. Barthell, B.A., St. Olaf College, 1964. Psychology.
- Barbara Anne Bassis, B.A., New York University, 1964. English.
- Richard L. Baxter, B.A., University of Miami, 1956. Education.
- Mary S. Becker, A.B., Catholic University of America, 1958. Speech.
- Walter Herman Bell, Jr., B.A., Davidson College, 1953; B. Litt., Oxford University, 1962. Linguistics.
- Marilynn Binda, Ph.B., Northwestern University, 1965. Education.
- Robert Gordon Bingham, Jr., B.A., Middlebury College, 1964. Economics.
- William John Bishop, B.A., Northwestern University, 1964. Political Science.
- Marylyn Bogan, B.A., University of Illinois, 1962. English.
- Donald Robert Bonney, B.S., University of Illinois, 1965. Economics.
- Jane Lucinda Booth, B.A., Cornell University, 1965. German.
- Ruth Rueckert Bornarth, B.A., University of Kansas City, 1956. Education.
- Johnnie Dean Boykin, B.A., University of New Mexico, 1965. English.
- James J. Bradac, B.S., Northwestern University, 1965. Speech.
- Gertrude Isbitz Brodsky, B.S., Northwestern University, 1965. Speech.
- Harvey A. Brody, B.A., Northwestern University, 1965. English.
- Walter A. Buchmann, A.B., Xavier University, 1964. English.
- Elaine R. Burg, B.A., Northwestern University, 1964. Mathematics.
- Bonnie L. Butler, B.S., Marquette University, 1964. Speech.



# ONE HUNDRED AND NINTH COMMENCEMENT

Jo Alice Royall Buxton, B.A., Smith College, 1962. History.  
 Dudley Dean Cahn, Jr., B.A., Western Michigan University, 1965. Speech.  
 Louis Perkins Cain III, A.B., Princeton University, 1963. Economics.  
 Diane Tomcheff Callin, B.A., University of Illinois, 1957. English.  
 Robert Paul Carlson, A.B., Monmouth College, 1957. History.  
 Donald J. Carten, B.S., University of Dubuque, 1960. Mathematics.  
 Richard L. Christensen, B.S., Wisconsin State University, 1959. Mathematics.  
 Maxine Cohn, B.S., University of Wisconsin, 1961. Education.  
 Thora Jean Cook, B.S., Northwestern University, 1960. Education.  
 Robert Warren Crandall, A.B., University of Cincinnati, 1962. Economics.  
 Kathleen Ann Crosby, B.A., Northwestern University, 1949. English.  
 Alvin Sanford Crystal, A.B., Washington University, 1964. Romance Languages.  
 Marcelyn C. Curnutt, B.S., University of Virginia, 1965. Speech.  
 Mary Dene Davis, B.A., Pennsylvania State University, 1963. English.  
 Elizabeth Elston Dealing, B.A., Smith College, 1965. Education.  
 Douglas B. Dean, B.A., University of Kentucky, 1960. Mathematics.  
 Henry Grady Deas, Jr., B.F.A., University of Georgia, 1947. Speech.  
 Sybil Ann DelGaudio, B.A., Brooklyn College, 1965. Speech.  
 James Ira Derks, B.S., Western Illinois University, 1962. Mathematics.  
 Hilde Gutmann de Díaz, *Licenciada en Psicología*, University of Central Venezuela, 1965. Speech.  
 Robert Franklin Doll, B.S.in Ed., Miami University, 1956. Education.  
 Jeanne Catherine Doscher, B.A., Nazareth College, 1960. English.  
 John Edward Doyle, B.S.in J., Northwestern University, 1957. Sociology.  
 Montrew Goetz Dunham, A.B., Butler University, 1941. Education.  
 James A. Dunlevy, B.A., Lehigh University, 1964. Economics.  
 Rosalind Jean Dworkin, B.S.in Ed., State University College of Education (New York), 1962. Sociology.  
 Diane Berger Ehrlich, B.A., University of Illinois, 1965. English.  
 Judith Ellen Busch Ernest, B.A., Valparaiso University, 1960. History.  
 Donald Howard Evans, B.S., Northwestern University, 1965. Education.  
 Beverly Jean Feathers, B.S., East Tennessee State University, 1965. Speech.  
 Mary P. Feltenstein, B.S.in Ed., Northwestern University, 1960. Education.  
 Margaret A. Ferguson, B.A., Stanford University, 1965. Political Science.  
 Winifred Finegan, B.A., Barat College, 1961. Speech.  
 Barbara Jean Finlayson, B.A., Hanover College, 1965. Speech.  
 Dale Ellen Galvin, B.S., Washington University, 1965. Speech.  
 Marsha Lee Geier, B.A., Pembroke College, 1964. Economics.  
 J. Fred Giertz, B.A., University of Wichita, 1964. Economics.  
 Charles K. Gillies, B.A., George Washington University, 1958. Mathematics.  
 Peter J. Gingiss, B.A., Colgate University, 1963. Linguistics.  
 Fredrick Leroy Golladay, B.A., University of Puget Sound, 1964. Economics.  
 Louis Wolf Goodman, B.A., Dartmouth College, 1964. Sociology.  
 Iris Fink Gottlieb, B.S., Northwestern University, 1959. Speech.  
 William James Gracie, Jr., B.A., San Francisco State College, 1965. English.  
 Gale Graubert, B.A., University of Wisconsin, 1961. Education.  
 Marcia Tjossem Gresham, B.A., Albion College, 1963. English.  
 Susan Jane Grunau, B.S., Northwestern University, 1965. Speech.  
 Vernon Franklin Gunkel, Jr., B.S., Northern Arizona University, 1961; B.D., Garrett Theological Seminary, 1964. Speech.  
 Evelyn E. Gustofson, B.Ed., Chicago Teachers College, 1962. Education.  
 Frances Ellen Gutman, B.S., Northwestern University, 1961. Speech.  
 Robert Pinckney Hall, B.A., Earlham College, 1964. Education.  
 Daniel Bassett Hanna, B.A., Aurora College, 1958. Sociology.  
 Alice Ruth Hargrave, B.A., Wheaton College, 1963. English.  
 Valerie Karen Harman, B.A., Lewis and Clark College, 1965. Speech.  
 Marguerite Weed Hartmann, B.A., Rosary College, 1964. English.  
 Lydia K. Heil, B.S., Loyola University, 1963. German.  
 Daniel Jacques Herman, B.A., University of Rhode Island, 1960; B.A., University of Louvain, 1961. Philosophy.  
 Nancy Lee Herrlin, B.Ed., Chicago Teachers College North, 1962. Education.  
 Susan Marie Herron Higgins, B.S.in Ed., University of Virginia, 1965. English.  
 William George Holzberger, Ph.B., Northwestern University, 1960; M.A., 1965. English.



# NORTHWESTERN UNIVERSITY

Bruce Laurence Hulbert, B.A., DePauw University, 1965. Education.  
 Maureen Hurwitz, B.A., Northwestern University, 1962. Education.  
 Barbara Lorraine Johnson, B.A., Illinois State University, 1964. German.  
 Betsy Ann Johnson, B.A., Knox College, 1964. Education.  
 Jane Lee Kennedy Johnson, B.A., Northwestern University, 1961. English.  
 Laura S. Johnson, B.A., Dakota Wesleyan University, 1937. English.  
 Stephen Merle Johnson, B.A., University of Pittsburgh, 1964. Psychology.  
 Thomas Daniel Johnson, B.S., Northwestern University, 1965. German.  
 Hyman Joseph, B.S., Illinois Institute of Technology, 1957. Economics.  
 Jon M. Joyce, B.B.A., Wichita State University, 1962. Economics.  
 Frances Kahn, B.S., University of Michigan, 1965. Political Science.  
 Mary Faye Karras, B.Ed., National College of Education, 1963. Education.  
 Lucina T. Kathmann, B.A., Radcliffe College, 1964. Philosophy.  
 David Elliott Kaufman, B.A., Northwestern University, 1963. Sociology.  
 Mary Carolyn Kavanagh, B.A., Principia College, 1957. English.  
 Werner Ernest Keller, B.S., Northwestern University, 1963. History and Literature of Religions.  
 Patrick M. Kelley, B.S., Edinboro State College, 1964. English.  
 Judith K. Kesler, B.S., Northwestern University, 1941. Education.  
 Mary Ann Key, B.A., Catholic University of America, 1965. Speech.  
 Thomas Ervin Kieren, B.A., Carleton College, 1962. Mathematics.  
 June Ellen Killmer, B.S. in Ed., Northern Illinois University, 1960. Education.  
 Jeannine Bunce Klain, B.A., Bradley University, 1962. Speech.  
 Michael Klee, B.A., Hobart College, 1952. English.  
 Delores Ann Klehm, B.A., North Central College, 1961. Mathematics.  
 Nancy Jean Koehler, B.S., Northwestern University, 1960. Education.  
 John James Krause, B.A., University of Pennsylvania, 1965. English.  
 Mary Blue Lacey, B.A., Randolph-Macon Woman's College, 1965. German.  
 Melanie Joan Laine, B.A., College of the Holy Name, 1965. Speech.  
 Angela Marie Lamb, B.A., Smith College, 1964. Speech.  
 George H. Lamson, A.B., Princeton University, 1958. Economics.  
 Ronald Landa, B.S., Loyola University, 1963. History.  
 Carolyn A. Landwehr, B.A., University of Illinois, 1942. English.  
 Terrence J. Larney, B.A., Montclair State College, 1963. Education.  
 Maribel Laufenburg, B.A., University of Louisville, 1946. Education.  
 Nancy Jane Layton, B.A., Michigan State University, 1964. Education.  
 Bessie Viola Ledbetter, B.A., Benedict College, 1956. English.  
 Dierra L. Lehman, B.A., Goshen College, 1965. Education.  
 Phyllis M. Lockerbie, B.S. in Ed., Miami University, 1957. Education.  
 Barbara Fitch Longcore, B.A., Transylvania College, 1961. English.  
 Rebecca Love, B.S., Northwestern University, 1951. English.  
 Shoshana Roma Mafдали, B.A., Brooklyn College, 1965. Speech.  
 Barbara Lynne Mallory, B.A., University of Toronto, 1965. Speech.  
 Alfred Dean Marley, B.S., Northwestern University, 1962. Education.  
 Douglas Turner McCullough, B.A., Hope College, 1964. Speech.  
 Linda Nell McHenry, B.A., Vassar College, 1963. German.  
 Lewis Arthur Mennerick, B.A., Knox College, 1965. Sociology.  
 Elizabeth R. Midlarsky, B.A., Brooklyn College, 1961. Psychology.  
 Cheryl Lee Miller, B.S., Purdue University, 1965. Speech.  
 Thomas F. Miller, Jr., B.A., Franklin and Marshall College, 1963. Economics.  
 Frederick W. Minty, B.A., University of Oregon, 1965. Mathematics.  
 Sheila Marie Most, B.A., Florida Presbyterian College, 1965. German.  
 Teshome Mulat, B.E., Haile Selassie University (Ethiopia), 1964. Economics.  
 Leslie Dee Munetz, B.A., Temple University, 1965. English.  
 Herbert Wilson Nadelhoffer, B.A., Carleton College, 1951. Speech.  
 Pamela D. Neuharth, B.S., Northwestern University, 1965. Speech.  
 Peter Michael Niederberger, B.A., College of St. Fribourg (Switzerland), 1950. Political Science.  
 William O'Brien, B.A., Roosevelt University, 1960. German.  
 Judith Okrent, B.A., University of Michigan, 1964. Education.  
 Enid Barbara Oppenheimer, A.B., Barnard College, 1964. Economics.  
 Masako Murakami Osako, B.A., Radcliffe College, 1964. Sociology.  
 Leslie Lynn Parsons, B.A., University of Wyoming, 1960. English.  
 Shirley Anderson Patel, B.A., Illinois Wesleyan University, 1958. Speech.

# ONE HUNDRED AND NINTH COMMENCEMENT

Frances M. Peditke, Ph.B., Northwestern University, 1957. English.  
 Marilyn Walters Peters, B.A., Rosary College, 1965. Romance Languages.  
 Gail Marvel Peterson, B.A., St. Olaf College, 1962. Romance Languages.  
 Carol Pocock, B.S., Miami University, 1962. Mathematics.  
 Robert Jerzy Pokrant, B.A., Leicester University (England), 1964. Sociology.  
 Keith Ian Polakoff, B.A., Clark University, 1963. History.  
 James Arthur Pope III, B.A., College of Wooster, 1964. Economics.  
 Joy H. Price, B.S., Northwestern University, 1966. Education.  
 Jerry Howard Proffit, B.A., University of Wyoming, 1962. Speech.  
 William Franklin Jruitt, Jr., B.A., Austin College, 1963. History.  
 Ray David Quisenberry, B.A., Northwestern University, 1965. Mathematics.  
 Mary Janice Rainwater, B.S.in Ed., Southeast Missouri State College, 1963. English.  
 Susan Ruth Ravitz, B.S., State University of Iowa, 1965. Speech.  
 John H. Ray, Jr., B.B.A., University of Wisconsin, 1957; B.A., Carleton College 1963. Education.  
 Nancy Kay Rees, B.A., Drake University, 1965. Sociology.  
 Patricia Marie Rice, B.A., St. Cloud State College, 1965. Speech.  
 Laurel Anne Roberts, B.S., University of Illinois, 1965. Geography.  
 Thomas Sinclair Robertson, A.B., Wayne State University, 1963. Sociology.  
 Mary Louise Rodgers, B.S., Miami University, 1963. History.  
 Bernard J. Rose III, A.B., Franklin and Marshall College, 1964. Economics.  
 Hazel Rosenblum, B.S., Northwestern University, 1965. Speech.  
 Marc Howard Ross, B.A., University of Pennsylvania, 1964. Political Science.  
 Charles Herbert Rowell, B.A., Columbia College, 1959. Speech.  
 Barbara Nieman Rubin, B.S., Northwestern University, 1962. Education.  
 Robert Edgar Saksvig, B.A., St. Olaf College, 1958. Education.  
 Wayne Godfrey Sanstead, B.A., St. Olaf College, 1957. Speech.  
 Francisco C. Santos, Jr., M.A., *Ateneo de Manila* University (Philippines), 1960. Speech.  
 Eila Irmeli Sarvanto, B.A., University of Turku (Finland), 1965. Political Science.  
 Ruthanne Barclay Savage, B.Ed., Western Illinois University, 1936. Education.  
 Walter R. Schillinger, B.S., Northwestern University, 1956. Speech.  
 Marsha Levin Schwartz, B.Ed., Chicago Teachers College North, 1963. History.  
 James E. Shannon, B.S., Northwestern University, 1965. Speech.  
 Howard Shapiro, B.A., Antioch College, 1962. Economics.  
 Audrey Howell Sharpe, B.S., Hampton Institute, 1960. Speech.  
 Patrick Michael Sheehan, B.A., North Park College, 1963. History.  
 Barbara G. Siegel, B.A., Northwestern University, 1950. Education.  
 Rosalind Carol Silber, B.S., Purdue University, 1965. Speech.  
 Lee Etsten Sinai, B.A., University of Michigan, 1963. Education.  
 Linda Suzanne Smith, B.S.in Ed., University of Georgia, 1964. Speech.  
 Raymond F. Smith, A.B., Temple University, 1965. Political Science.  
 John W. Smythe, Jr., B.A., Youngstown University, 1960. Economics.  
 Susan Elizabeth Sordon, B.S., Miami University, 1965. Speech.  
 Carol L. Spector, B.A., University of California, 1951. Art.  
 Nancy Holmes Sprague, B.A., University of Michigan, 1957. Education.  
 Esther Pearl Stepkin, B.A.E., University of California, 1955. Education.  
 Sandra M. Stern, B.A., Roosevelt University, 1964. Mathematics.  
 William C. Stetson, Jr., B.S., Northwestern University, 1956. Education.  
 Douglas Day Stewart, B.A., Claremont Men's College, 1962. Speech.  
 Joan Strachota, B.S., Marquette University, 1962. Speech.  
 Dean Raymond Strenger, B.A.E., Wayne State College, 1962. Mathematics.  
 Patricia Grace Stueland, B.Ed., LaCrosse State University, 1958. Education.  
 A. James Stuppel, B.A., Northwestern University, 1963. English.  
 Patricia Ann Taepke, B.A., DePaul University, 1963. Education.  
 Karen Koertge Tajbl, B.S.in Ed., Eastern Illinois University, 1963. Education.  
 Edith B. Tatel, B.A., University of Michigan, 1964. English.  
 Terrence Andresen Tatje, B.A., Northwestern University, 1965. Anthropology.  
 Susan Taylor, B.A., Wheaton College, 1965. Education.  
 Camille Joanne Turkiewicz, B.S., Northwestern University, 1960. Education.  
 Montri Umavijani, B.A., Chulalonghorn University (Thailand), 1962. Speech.  
 Lois Rose Van Epps, B.A., Beloit College, 1960. English.  
 Lawrence H. Van Patten, B.S., State University College (New York), 1959; M.S., 1962. Mathematics.

## NORTHWESTERN UNIVERSITY

Jeannine Mildred Margaret Vestuto, Ph.B., Northwestern University, 1963. Education.

Helen Pollner Wachs, B.A., Hunter College, 1963. History.

Stephen Stage Wagner, B.A., Stanford University, 1963. English.

David Stanley Warren, B.A., Macalester College, 1957; B.D., Garrett Theological Seminary, 1960. Religion.

Mary Joan Weingarten, B.S., Wisconsin State University, 1960. Education.

Mary Henderson Welcome, B.S., University of Rochester, 1953. Education.

Nancy Ann Wells, B.A., University of Washington, 1965. Speech.

Marilyn Wender, B.A., George Washington University, 1965. Speech.

Samuel Wenet, B.S., Northwestern University, 1944. Education.

Jonathan Page West, B.S., University of Utah, 1965. Political Science.

Penelope Zoe Wheeler, B.S., Syracuse University, 1965. Speech.

Robert Richard White, B.S., Northwestern University, 1964. Speech.

Charles B. Wilde, B.S., Northwestern University, 1965. Speech.

Arthur L. Williams, B.A., Hampton Institute, 1962. Speech.

Betty Rick Williams, A.B., Ripon College, 1961. Mathematics.

Paul Douglas Williams, B.S., University of Pennsylvania, 1962. Economics.

Janet Gail Witzke, B.A., University of Minnesota, 1964. Education.

Robert M. Wolf, Ph.B., Northwestern University, 1959. English.

Clista M. Wood, B.A., College of Great Falls, 1943. Mathematics.

Joann Marie Woods, B.A., Mundelein College, 1962. Education.

Dorothy J. Wright, B.Ed., Chicago Teachers College, 1956. Education.

Christopher Zegers, B.A., John Carroll University, 1965. English.

### MASTER OF ARTS IN TEACHING

Margaret W. Abrams, B.A., St. Andrews Presbyterian College, 1965. Education.

Nora Lee Adams, B.A., Smith College, 1965. Education.

Eve T. Agiewicz, B.A., New York University, 1965. Education.

Margaret B. Allen, B.A., Duke University, 1965. Education.

Maria Victoria Auffant, B.A., University of Wisconsin, 1955; M.A., Cornell University, 1958. Education.

Sandra G. Baarsch, B.A., Western College for Women, 1961. Education.

Eleanor Runman Baldwin, B.A., Smith College, 1965. Education.

Jack Arnold Bils, B.A., Knox College, 1965. Education.

Helen Louise Boardman, B.A., DePauw University, 1965. Education.

Robert Mark Boeke, B.S., University of Dayton, 1965. Education.

Helene Sue Brenner, B.A., University of Michigan, 1965. Education.

Karen Ann Buholzer, B.A., University of Wisconsin, 1965. Education.

Kirsten Lokvam Chapman, B.A., Northwestern University, 1965. Education.

Janice Beuttell Cook, B.A., Northwestern University, 1965. Education.

Judith Ann Corey, B.A., Wellesley College, 1964. Education.

Brian Francis Crisafulli, B.S., University of Wisconsin, 1964. Education.

Jean Norris Crowe, B.A., University of Michigan, 1965. Education.

Arlene Rose Dingilian, B.A., College of Wooster, 1965. Education.

Martha L. Draper, B.S., Bucknell University, 1965. Education.

Adrienne C. Drell, B.S., University of Wisconsin, 1965. Education.

Cynthia Jane Eck, B.A., DePauw University, 1965. Education.

Arthur Shumway Ellison, B.A., Earlham College, 1965. Education.

Robert L. Fizzell, B.A., Beloit College, 1961. Education.

Kelly J. Fox, B.A., University of Michigan, 1965. Education.

Jacqueline Garrett, B.A., Cornell College, 1965. Education.

Pamela Madeleine Golton, B.S., Loyola University, 1965. Education.

Diane Hoppe Hébert, B.A., Lake Forest College, 1965. Education.

Michael T. Hinkelmeyer, B.A., St. John's University, 1962. Education.

Nina B. Homel, B.A., Grinnell College, 1965. Education.

Gordon Richard Hough, A.B., Cornell University, 1965. Education.

Susan Bendt Hufford, B.A., Cornell College, 1965. Education.

Sandra Lee Jones, A.B., DePauw University, 1965. Education.

Carolyn Ann Krager, A.B., Denison University, 1965. Education.

Jack H. Kramer, B.M., Northwestern University, 1964. Education.

Marita Kuhl, B.S., Loyola University, 1965. Education.



## ONE HUNDRED AND NINTH COMMENCEMENT

Katherine Seaman Lewis, B.A., Kalamazoo College, 1965. Education.  
 Elisabeth Lustok, B.A., University of Wisconsin, 1965. Education.  
 Lynda Meyer MacCarthy, B.A., University of Wisconsin, 1964. Education.  
 Gregory Alfred Madsen, B.A., Ohio Wesleyan University, 1965. Education.  
 Katherine Knapp McCormick, B.A., Bucknell University, 1965. Education.  
 Judith Ann McLaughlin, B.A., University of Arizona, 1964. Education.  
 Robert Clarence Merker, B.S., University of Illinois, 1965. Education.  
 Sherry Lynne Miller, B.A., St. Olaf College, 1965. Education.  
 Susan Greenwood Miller, B.A., Smith College, 1965. Education.  
 Lawrence Alfred Osterberg, B.A., Shimer College, 1965. Education.  
 Patricia Hoagland Owens, B.A., Mt. Holyoke College, 1965. Education.  
 Kathleen Sweet Persson, B.A., University of Rochester, 1964. Education.  
 Frank Timothy Petrusak, B.A., Northwestern University, 1965. Education.  
 Diane Parsons Rader, B.A., Smith College, 1965. Education.  
 Anton Heinz Richter, B.A., Northwestern University, 1965. Education.  
 Philip August Roden, B.A., Yale University, 1962. Education.  
 Anne Jessie Roede, B.A., Mt. Holyoke College, 1965. Education.  
 Nancy Lee Roha, B.A., College of Wooster, 1965. Education.  
 Linda C. Roodhouse, B.A., Carleton College, 1965. Education.  
 Sharon Lynn Schulte, B.A., Seattle University, 1965. Education.  
 Anne Elizabeth Shontz, B.A., University of Kansas, 1965. Education.  
 Mary Louise Signa, B.S., Loyola University, 1965. Education.  
 Sue Swisher Skalinder, B.A., Wheaton College, 1965. Education.  
 Roberta Falconer Smith, B.A., University of Puget Sound, 1965. Education.  
 Mary Margaret Thilman, B.A., Newton College of the Sacred Heart, 1965. Education.  
 Margaret Hallet Waaler, B.A., University of Illinois, 1969. Education.  
 Barbara Jane Wagner, B.A., Northwestern University, 1965. Education.  
 Anne Randolph White, B.A., Denison University, 1965. Education.  
 Susan Bryan Wirman, B.A., Northwestern University, 1965. Education.  
 Dorothy Yaver, B.F.A., University of Illinois, 1964. Education.  
 Frances Ellen Yedwab, B.A., New York University, 1965. Education.

## MASTER OF SCIENCE

Nancy Harrison Agnew, B.A., Skidmore College, 1964. Engineering Sciences.  
 Eric Aronson, B.A., Wayne State University, 1964. Psychology.  
 Daiva Audenas, B.S., New York University, 1962. Medicine.  
 George Bradford Barney, B.S., Tufts University, 1965. Civil Engineering.  
 Edward Alfred Beimbom, B.S., University of Wisconsin, 1964. Civil Engineering.  
 George Vincent Broderick, B.A., Brown University, 1951. Transportation.  
 Gertrude Shoemaker Bunge, B.A., Vassar College, 1961. Mathematics.  
 Daniel Seymour Cohen, B.S., Polytechnic Institute of Brooklyn, 1964. Transportation.  
 Patricia Ellen Coleman, B.A., DePauw University, 1965. Biology.  
 David Harlan Current, B.A., Carleton College, 1963. Physics.  
 Richard Fleming Davis, Jr., B.S., Northwestern University, 1964. Industrial Engineering.  
 Sarah Marshall Enoch, B.A., University of Missouri, 1964. Mathematics.  
 William Mitchell Eyring, B.S., Clarkson College of Technology, 1964. Chemical Engineering.  
 John E. Farr, B.S., Northwestern University, 1963. Physics.  
 Donald Ream Fowler, A.B., Occidental College, 1963. Geology.  
 David Michael France, B.S., Washington University, 1965. Mechanical Engineering.  
 Anil N. Gandhi, B.Ch.E., University of Bombay (India), 1965. Chemical Engineering.  
 A. C. Gangadharan, B.E., Madras University (India), 1959. Civil Engineering.  
 Alice Marie Gerdanc, B.S., University of Illinois, 1964. Mathematics.  
 Richard R. Gill, B.A., Roosevelt University, 1964. Transportation.  
 Peter Hartley Gray, B.A., Cambridge University (England), 1959; M.A., 1963. Civil Engineering.  
 James Arthur Harrington, B.A., Grinnell College, 1964. Physics.  
 Phillip L. Hembree, B.S., Carnegie Institute of Technology, 1963. Materials Science.



## NORTHWESTERN UNIVERSITY

J. Donald Herp, B.C.E., University of Louisville, 1964. Civil Engineering.  
 Jon S. Holmgren, B.S., Northwestern University, 1962. Mechanical Engineering.  
 Lee Frederic Hultgren, B.S., University of California, 1965. Civil Engineering.  
 Grace Rae Johnson, B.A., University of Kansas, 1965. Chemistry.  
 Sven O. Johnson, B.S., Northwestern University, 1958. Civil Engineering.  
 Harold Kassoﬀ, B.C.E., City College of New York, 1965. Civil Engineering.  
 Wayne Henry Kauk, B.Sc., University of Manitoba, 1963. Civil Engineering.  
 Nancy Ellen Kime, B.A., University of Delaware, 1964. Chemistry.  
 William Krakow, B.S., University of Illinois, 1964. Physics.  
 Charles J. Lapp, B.S., Iowa State University, 1960. Transportation.  
 Carol Ann Lidgen, B.S., Northwestern University, 1964. Mathematics.  
 Ching Ling Liu, B.S., National Taiwan University, 1953. Mathematics.  
 Ross D. MacKinnon, B.A., University of British Columbia, 1964. Geography.  
 Jeﬀrey Victor Mallow, A.B., Columbia College, 1964. Physics.  
 Robert Burton Martin, B.S., Cornell College, 1958. Industrial Engineering.  
 Mel Irwin Mendelson, B.S., University of California, 1964. Materials Science.  
 Eugene Edward Miller, A.B., Catholic University of America, 1964. Physics.  
 Herbert J. Mueller, B.S., Marquette University, 1964. Dentistry.  
 Leland Gerson Neuberg, B.S., Massachusetts Institute of Technology, 1965. Mathematics.  
 Charles William Ockert, B.S., Iowa State University, 1960. Civil Engineering.  
 Winston R. Ortiz, M.D., Temple University, 1956. Neurology.  
 Charles W. Pﬂingsten, B.S., Northwestern University, 1965. Civil Engineering.  
 Franciscus Xaverius Prins, B.Sc., University of Stellenbosch (South Africa), 1958; M.S., 1960. Civil Engineering.  
 Gerard Rudolph Richter, B.S., Pennsylvania State University, 1965. Mathematics.  
 Marilyn Joyce Rosen, B.S., University of Illinois, 1964. Mathematics.  
 Jean-Pierre Santoro, D.D.S., University of Paris, 1958. Dentistry.  
 Elizabeth Ann Schwenn, B.A., Northwestern University, 1964. Psychology.  
 Shah Ashwinkumar Dhirajlal, B.E., M.S. University of Baroda (India), 1965. Civil Engineering.  
 Stewart Arthur Shapiro, B.S., University of Wisconsin, 1964. Biology.  
 Martin Sherman, B.S., The Cooper Union, 1960. Electrical Engineering.  
 Larry D. Short, B.S., Eastern Kentucky State College, 1962. Mathematics.  
 John Henry Sienkiewicz, B.S., Northwestern University, 1964. Electrical Engineering.  
 David J. Slate, B.S., University of Illinois, 1964. Physics.  
 Stephen V. Smith, B.A., University of Texas, 1964. Geology.  
 Siim Sõot, B.A., University of Oregon, 1964. Geography.  
 Carol Kay Stanfield, B.Sc., Ohio State University, 1965. Chemistry.  
 Diane Marie Stewart, B.A., Hood College, 1965. Biology.  
 Ruth Pang Tao, B.A., St. John's University (China), 1949. Mathematics.  
 Benedict Tiseo, B.C.E., University of Detroit, 1965. Civil Engineering.  
 Margaret Ann Tubbert, B.A., Syracuse University, 1962. Biology.  
 Sam B. Upchurch, B.A., Vanderbilt University, 1963. Geology.  
 David William Van De Water, B.S., Danbury State College, 1965. Mathematics.  
 Mary Louise Vann, B.S., North Park College, 1962. Mathematics.  
 Charles Rice Walker, Jr., B.S., University of Tennessee, 1965. Civil Engineering.  
 Patricia Irene Walker, B.A., University of Texas, 1964. Mathematics.  
 Anthony S. Walters, Jr., B.A., Northwestern University, 1965. Applied Mathematics.  
 Russell Whitman, B.A., Harvard University, 1963. Physics.  
 Frederick August Wolter, B.S., University of Illinois, 1958. Electrical Engineering.  
 Christian Dennis Wunsch, B.A., Northwestern University, 1961. Biochemistry.

### DIPLOMA IN BUSINESS

William Joseph Deegan  
 James Richard Ewing

Wilbur John Lodding

### DIPLOMA IN PROFESSIONAL ACCOUNTING

Abraham Wiznitzer

# PRIZES AND HONORS

## ALL-UNIVERSITY PRIZES

THE JOHN B. KIRK PRIZES IN ORATORY: David H. Zarefsky (first); Cynthia P. Stefango (second); Virginia L. Heidloff (third)

MILTON S. FLORSHEIM PRIZES FOR DEBATE: Michael A. Daniels, Michael L. Denger, Garry G. Mathiason, Brenton N. Ver Ploeg, David H. Zarefsky

CUMNOCK DEBATE PRIZES: Dan C. Hinds, Emil Lippe, Jr., Frank C. Morris, Jr., Gordon M. Patterson, Curtis L. Sytsma

AGNESS LAW DEBATE PRIZE: Linda G. Garcia

NORTHERN ORATORICAL LEAGUE CONTEST: David H. Zarefsky

## HARDY SCHOLARS

### *In the Graduating Class—School of Law*

Charles Lee House, 1964-67  
(3 years)

Henry deVos Lawrie, Jr., 1966-67  
(1 year)

Harry Jonathan Pearce, 1964-67  
(3 years)

William Martin Pfeiffer, 1964-67  
(3 years)

Harry Elbert Youtt III, 1964-67  
(3 years)

Member of the Editorial Board, *Northwestern University Law Review*

### *In the Graduating Class—Undergraduate*

Robert H. Chandler  
Four Year Scholar  
Varsity Debate, four years  
Florsheim Debate Prize  
Cumnock Debate Prize  
Delta Sigma Rho  
Tau Kappa Alpha

Michael L. Denger  
Four Year Scholar  
Varsity Debate, four years  
Florsheim Debate Prize  
Cumnock Debate Prize  
National Debate Champion  
Delta Sigma Rho  
Tau Kappa Alpha

### *Clarion DeWitt Hardy Scholars in School—Undergraduate*

Bjarnie R. Anderson  
Michael L. Blim  
Martin R. Galbut  
Garry G. Mathiason  
Michael H. Morris

Gordon M. Patterson  
Raymond D. Pike  
Curtis L. Sytsma  
Ronald J. Waicukauski  
David H. Zarefsky

# NORTHWESTERN UNIVERSITY

## RUSSELL SAGE SCHOLARS

### *In the Graduating Class—School of Law*

William Henry Clune, Jr., 1966-67

(1 year)

Managing Editor, *Northwestern University Law Review*

John Edward Corkery, 1966-67

(1 year)

Member of the Editorial Board, *Northwestern University Law Review*

Mark Edward MacDonald, 1966-67

(1 year)

Member of the Editorial Board, *Northwestern University Law Review*

Steven Dennis Sugarman, 1966-67

(1 year)

Article Editor, *Northwestern University Law Review*

## THE COLLEGE OF ARTS AND SCIENCES

DANIEL BONBRIGHT SCHOLARSHIP: Stephen Keith Ault

JAMES ALTON JAMES SCHOLARSHIP: Charles John Buresh, Thomas Elmer Lifka

OLIVER MARCY SCHOLARSHIP: Andrew Michael Abarbanel

HEARST SCHOLARSHIP: Thomas Elmer Lifka

## PHI BETA KAPPA

### *Class of 1967*

\*Andrew Michael Abarbanel

Thomas William Attig

\*Stephen Keith Ault

Carol LaVergne Baeder

\*Karen Louise Berg

Jurate Bigelis

Constance Ann Black

James Gary Bowerman

\*Charles John Buresh

Sybil Jean Circle

John Arthur Dillon

Richard Lee Francis

Richard William Furlanetto

Jane Reed Galloway

Marilyn Elizabeth Gomber

Joel Lee Gomberg

Philip Alan Greasley

Patricia Marian Jameson

Robert Gustav Keske

Charles Harold King, Jr.

Stanley Marcus Lastick

James Claude Leek

Harold Gary Levine

\*Thomas Elmer Lifka

Roselind Anne Lindau

\*Carl Richard Magnussen

Ann Virginia Miller

\*Michael Barry Miller

Miriam Janette Neff

Donna Shapiro Neuberg

Madeleine Marguerite Plotnick

Carol Grace Porter

Bernard Ray Ritterbush

David Alan Rosenfield

James Leonard Roth

Marsha Faye Stegitz

Paul Leon Strong

\*Carol Lee Tarbis

Eugene Irwin Tolpin

John Joseph Vacek

Margaret Ann West

Carolyn Lansden Whittle

Janet Lee Workman

Alan Edward Zeidman

Joel Stephen Zimmerman

---

\*Elected during junior year

ONE HUNDRED AND NINTH COMMENCEMENT

PHI BETA KAPPA

*Class of 1968*

Linda Sue Dischert  
Charlotte Ruth Goryn  
Patricia Lynne Harris  
Michael David Jones  
Freyda Marsha Kravitz

Robin Warren Lovin  
Wayne Richard Springer  
Gayle Elizabeth Thistlethwaite  
Toni Lee Wiegman

CHI OMEGA SOCIAL SCIENCE AWARD: Kathleen A. Burke

ALPHA SIGMA LAMBDA

Marion Blau  
Barbara Burkett  
Diane Castle  
Eldred Du Sold  
Gerald Inglehart  
Genevieve Kehl  
David Mescheloff

Merry Omori  
Claire Pearse  
Marilyn Radzickas  
Jean Schroeter  
Debby Tucker  
Baruch Zimmerman

*August 1966*

BACHELOR OF ARTS

*Degree Awarded With Highest Distinction*

Abby Wolfson Kuznesof

Richard Edwin Trieb

*Degree Awarded With Distinction*

James Gary Bowerman

DEPARTMENTAL HONORS

PHILOSOPHY

Richard Edwin Trieb

BACHELOR OF SCIENCE IN EDUCATION

*Degree Awarded With Distinction*

Joy Melinda Snyder

THE SCHOOL OF MEDICINE

LESLIE BRAINARD AREY (PHI BETA PI) AWARD: Stewart Martin Spies

PHI RHO SIGMA AWARD: Ira William Weiss

FREDERICK H. RAWSON, JR. SCHOLARSHIP: Thomas Henry Stanisic

ALPHA OMEGA ALPHA

Thomas Allen Broadie  
R. Kent Bryan  
Donald Sloan Coleman  
Robert Montgomery Craig  
Samuel Douglas Dye  
Harry Kenneth Genant, Jr.  
John William Gustaitis  
John Vincent Hartline  
Michael Neil Hartnett  
Robert Michael Massanari  
Carlos H. Ramirez-Ronda  
Eileen Alannah McVey Ruder

Henry Joseph Ruder  
Jay Gordon Stein  
Robert Malcolm Stewart  
John Ellsworth Van Kirk  
Robert Bruce Wallace  
Kenneth Scott Wayne  
Ira William Weiss  
Robert Michael Wilkes  
Thomas Quentin Winter  
Paul Christopher Young  
Thomas Kemper Young



## THE SCHOOL OF LAW

WEYMOUTH-KIRKLAND SCHOLARS: William Henry Clune, Jr., 1966-67, (1 year); Mark Edward MacDonald, 1966-67, (1 year)

JULIUS H. MINER MOOT COURT COMPETITION: Alexander Duncan Kerr, Jr., and Edward Austin Zimmerman (Winning Team); Stephen Leo Siciliano (Best Oral Argument); Alexander Duncan Kerr, Jr., and Edward Austin Zimmerman (Best Brief)

LOWDEN-WIGMORE COMPETITION: William Henry Clune (first); John Peter Lynch (second)

WIGMORE KEY: Stephen Dennis Sugarman

### ORDER OF THE COIF

Hal Murray Brown  
Michael Harold Dessent  
Thomas Anthony Dumit  
James Leonard Hunt  
Arnold Barry Kanter  
Philip M. Kayman  
Timothy Carver Klenk  
John Peter Lynch

Mark Edward MacDonald  
David Trauger Mitzner  
Leon Jerome Schacter  
Bernard Henry Shapiro  
Stephen Dennis Sugarman  
Arnold Weinberg  
Robert Stuart Wolf

## THE SCHOOL OF SPEECH

ZETA PHI ETA SCHOLARSHIP IN INTERPRETATION: Arlan P. Dohrenburg

PHI BETA SCHOLARSHIP: David H. Zarefsky

JUNIOR SCHOLARSHIP: John A. Degen III

SOPHOMORE SCHOLARSHIP: William H. Badolato

EDGEWATER DRAMA STUDY CLUB SCHOLARSHIP: Susan E. Harting

DRAMA CLUB OF EVANSTON SCHOLARSHIPS: Charles J. Conwell, William Davis Hall III, John T. Lybolt, Alan G. Wade

DELTA ZETA SCHOLARSHIP: Suzanne M. Flaum

MERCY SIMERAL PARKHILL SCHOLARSHIP: Janis M. Leverenz

JOSEPH LEVIN FOUNDATION SCHOLARSHIP: Sandra E. Blumenfeld

ZETA PHI ETA AWARD IN CHILDREN'S THEATRE: James Michael Schneider

MARY PETERSON GILBERT ('97) PRIZE: Phyllis L. Thorpe

THEATRE DEPARTMENT PRIZE: Deborah K. Bishop, Kathleen A. Moore

LUCIA MAY WIANT AWARD: William L. Tchakirides

RALPH DENNIS PRIZE FOR SONNET READING: Laura R. Oswald

INTERPRETATION HONORS: Sandra S. Singer (Graduate); Susan R. Evans, Dalen L. Sciarra, Peter L. Strauss, Alan G. Wade (Undergraduate)

PUBLIC ADDRESS AND GROUP COMMUNICATION HONORS: Michael L. Denger, Martin R. Galbut, Gordon M. Patterson

## ONE HUNDRED AND NINTH COMMENCEMENT

RADIO, TELEVISION, AND FILM HONORS: Service Award: Bruce E. Michael; Writing Award: Kathryn M. Metzler; Announcing Award: Richard J. MacAndrews; Production Awards: Radio—Scott L. Lange; Television—Cheryl K. Kopczyk; Film—Howard E. Smith

AUDIOLOGY HONORS: Barbara R. Murphy (Graduate)

DEAF EDUCATION AND GUIDANCE HONORS: Mary L. Maxwell (Graduate); Carol A. Glista (Undergraduate)

LANGUAGE PATHOLOGY HONORS: Dianne T. Shields (Graduate)

SPEECH PATHOLOGY HONORS: Cynthia M. Shewan (Graduate); Nancy G. Redman, Ellen R. Shapiro (Undergraduate); Honor Member of Sigma Alpha Eta: Jean M. Morse

SPEECH EDUCATION HONORS: LaVerne H. Norman (Graduate); Catherine S. Beemer, Betty C. Day, Judy C. Fox, Barbara J. Katz, Cynthia P. Stefango, Nancy K. Warren (Undergraduate); Zeta Phi Eta Award for Outstanding Achievement: Andrea M. Boucon

THEATRE HONORS: Acting—Susan E. Harting, Mark J. Lamos; Directing—W. Davis Hall III; Technical—Ruth K. O'Donnell

## THE SCHOOL OF DENTISTRY

AMERICAN COLLEGE OF DENTISTS (ILLINOIS SECTION): Norman De Jong

THE ODONTOGRAPHIC SOCIETY OF CHICAGO AWARD: Donald R. Joondeph

INTERNATIONAL COLLEGE OF DENTISTS AWARD: Russell L. Casement

AMERICAN ACADEMY OF ORAL MEDICINE: Robert Benning Julius

THE EDWARD CANNING PRIZE: David Phelps Cutler

AMERICAN DENTAL SOCIETY OF ANESTHESIOLOGY: John Banks Ludwig

AMERICAN SOCIETY OF DENTISTRY FOR CHILDREN: James B. Hall, Jr.

AMERICAN ASSOCIATION OF ENDODONTISTS: George Marvin Marsh, Jr.

AMERICAN ACADEMY OF GOLD FOIL OPERATORS AWARD: Keith C. Harada

AMERICAN ACADEMY OF ORAL ROENTGENOLOGY AWARD: James William McCulley

C. V. MOSBY AWARDS: Robert Roy Anderson, Kenneth Michael Feldman, Stanton Harris Hall, Ernest John Lazin, Richard Grant Wells II

### OMICRON KAPPA UPSILON

David Phelps Cutler  
Norman De Jong  
Nelson Richard Diers  
Keith C. Harada

Donald R. Joondeph  
Arden Grant Kitchen  
James William McCulley

### SIGMA PHI ALPHA

Brenda Joan Buedel  
Susan C. Crouch

Sally Jo Gustitus

THE SCHOOL OF MUSIC

JOHN W. AND CLARA BEATTIE MEMORIAL FUND SCHOLARSHIP: Robert Lee Bowker

CARL MILTON BEECHER FUND SCHOLARSHIP: Sharon Jane LaRocca

FREDRIK A. CHRAMER SCHOLARSHIP: Antoinette Cook Keet

WILLIAM T. FARICY AWARD FOR CREATIVE MUSIC: Darleen Louise Le-Mieux

WADE FETZER AWARD FOR EXCELLENCE IN PERFORMANCE: Sharon Kay Kosloske

WADE FETZER FUND SCHOLARSHIPS: Terry Lee Applebaum, John Pretz Boyd, Louis Roland Magor, Sussan Dawn Schuessler

THE EDWIN B. GARRIGUES FOUNDATION SCHOLARSHIP: David Louis Hoffman

GENERAL MOTORS CORPORATION SCHOLARSHIP: Jack Paul Abell

AMELIA A. HOFF MEMORIAL SCHOLARSHIP: Dorothy Marie Fuchs

ANNA SCHAUFFLER LOCKWOOD AWARD FOR EXCELLENCE IN STRING MUSIC: Jack Paul Abell

GERALD OWEN McDONALD AWARD FOR EXCELLENCE IN OPERA: Donald Neil Gray

MU PHI EPSILON EVANSTON NORTH SHORE ALUMNAE PERFORMANCE ACHIEVEMENT AWARD: Margaret Hughes Brink

MARY LOUISE PENDLETON SCHOLARSHIP FUND SCHOLARSHIP: Blanche Sedgwick Hall

SIGMA ALPHA IOTA ALUMNAE CHAPTER AWARD: Gail Janet Berenson

SIGMA ALPHA IOTA BETA CHAPTER LEADERSHIP AWARD: Gail Janet Berenson

SIGMA ALPHA IOTA DEAN'S AWARD: Gail Janet Berenson

GENERAL JOSEPH LAFETON WHITNEY SCHOLARSHIP FUND SCHOLARSHIP: Kenneth Paul Pristash

PI KAPPA LAMBDA

Jack Paul Abell  
Robert Lee Bowker  
Elizabeth Roberts Cheney  
Sylvia Kay Dietericks  
Gordon August Ewald  
Donald Neil Gray  
Blanche Sedgwick Hall  
Kuo-huang Han  
David Louis Hoffman  
Mary Ann Holman  
Marjorie Jarbisch Johnston  
Edwin LaFontaine Kemp III

Sharon Kay Kosloske  
Donna Taylor Krislov  
Sharon Jane LaRocca  
Maria Bakas Lagios  
Elizabeth Mary Mueller, B.V.M.  
Karen Lee Nelson  
Lois Agnes Posta  
Richard Norman Shattuck  
Carol Belle Vanderbilt  
Bingham Lafayette Vick, Jr.  
Byron Kiyoski Yasui

ONE HUNDRED AND NINTH COMMENCEMENT

THE SCHOOL OF BUSINESS

*Graduate School of Business Administration*

RICHARD C. GERFEN PRIZE IN BUSINESS COMMUNICATIONS: Jay M. Anderson

WOLF AND COMPANY AWARD FOR EXCELLENCE IN BUSINESS RESEARCH: James Wagner Collins, Jr.

ERNST & ERNST AWARD FOR EXCELLENCE IN ACCOUNTING: Bruce James Roth

BETA GAMMA SIGMA

Richard Ralph Brear  
Walter Edward Deuchler  
Richard Dudley Hanson  
Lawrence Kent Hellman  
Edward Howard Johnson  
Kenneth Jay Mesec

Joseph Stephen Simon  
Jon Woodward Spelman  
James Alvin Tewes  
Lyman Robert Wells  
Donald Scott Wilson

*The Undergraduate School*

BETA GAMMA SIGMA

\*David Carl Anderson  
\*Timothy Bruce Anderson  
\*Daniel Davis Arndt  
\*Robert Otto Bulster  
John Henry Gedeon  
\*Fred Christopher Kohler  
\*Douglas MacKenzie Laurice  
\*Robert David McLean

Paul Frederic Perret  
Michael John Radmer  
\*Michael Robert Rion  
\*Mitchell Harris Saranow  
\*William Randal Smith  
\*James Barton Thies  
Kenneth James Thygerson  
William Arthur Wines

HONORS IN INDEPENDENT STUDY

Daniel Davis Arndt  
Robert David McLean  
Michael John Radmer

Richard Eugene Sliwinski  
Kenneth James Thygerson  
William Arthur Wines

THE MEDILL SCHOOL OF JOURNALISM

HARRINGTON MEMORIAL AWARDS: Advertising Major: Thomas Patrick Sabin; Magazine Major: Daniel Bruce Droegge; TV-Radio Major: Michael Russell Whitney

DOROTHY CARLYLE AWARD: Nancy Williams Adair

SIGMA DELTA CHI CITATION OF ACHIEVEMENT: Timothy Dale Schelhardt

LOIS BAUR MEMORIAL AWARD: Nancy Williams Adair

THETA SIGMA PHI SCHOLARSHIP: Kathleen Lynne McCoy

*\*Elected as juniors*



# NORTHWESTERN UNIVERSITY

## KAPPA TAU ALPHA

Nancy Williams Adair  
Frank Richardson Barnako, Jr.  
William Terrell Campbell  
Mark Francis Clark  
Arnold Phillip Consdorf, Jr.  
Kathleen Gillroy Dieckmann  
Daniel Bruce Droege  
Diane Duval  
Marcia Cornelia Goelz  
Richard Stewart Gore  
Jeremy Harrington

Jane Ann Hollingsworth  
Nancy Joy Joeckel  
Holly McCord Levy  
Stephen Roy Oda  
Ronald Anthony Patafio  
Penny Lou Pitman  
Roy G. Russell III  
Thomas Patrick Sabin  
Stuart Alan Schwartz  
Frances Weinman  
Michael Russell Whitney

## THE SCHOOL OF EDUCATION

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Andrea Boucon  
Sharon L. Brickman  
Mary Kay Brooks  
Birginia Brush  
Paulette Condas  
Joyce S. Crelman  
Judith Deemer  
Ruth A. Dorrian  
Jean Echternach  
Katherine Foss  
Heather Greendale  
Annette K. Hart  
Maureen Hurwitz  
Jean S. Katz

Anne A. Kerr  
Alice T. Leunenberger  
LaVerne Norman  
Judith Salmon  
Carol L. Schwartz  
Barbara Seng  
Nancy Shinowara  
Barbara Siegel  
Toby C. Solomon  
Cynthia Stefange  
Nancy L. Stein  
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Mary Patricia Wilson  
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HAMILTON AWARD: Walter William Kovalick, Jr.

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Jay Alan Johnson

Stephen R. Kennedy  
Dean Dennis Olson

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William Rodger Bevan  
Donald Raoul Bouchard  
Richard O. Clark  
Robert Norman Dreyer  
Larry John Eriksson

James Richard Everly  
Frank B. Kern, Jr.  
Kenneth J. King  
Robert Lemcke Lindsay  
Robert G. McConnell  
David William Mineck

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Robert Wallen Oliver  
Ronald Jerrold Root

Dianne Louise Rice  
Richard M. Sachs  
Alexander William Schneider, Jr.

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Michael Harry Holmes

John K. Pylant  
Steve John Wiersma

TAU BETA PI

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Kenneth W. Chilton  
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Robert Norman Dreyer  
Gerald Lawrence Dummer  
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Alexander William Schneider, Jr.  
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Calvin Eugene Willoughby, Jr.  
Terry Edward Witt

*Additional Prizes and Honors announced too late for publication  
in this program in the usual order of listing by schools.*

## THE COLLEGE OF ARTS AND SCIENCES

PHI BETA KAPPA PRIZE: Andrew Michael Abarbanel, Marsha Faye Stegitz

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#### ART

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Jacqueline Jean Kufahl  
Martha Jane Wild  
Janet Lee Workman

#### BIOLOGICAL SCIENCES

David Leslie Auth  
Ronald Lawrence Matysiak

#### CHEMISTRY

Richard William Furlanetto  
Robert Gustav Keske  
Harvey Alan Lazar  
Charles Edward Payton  
William Frederick Protz  
James Albert Raihle  
Stephen Yeh

#### CLASSICS

Joseph Anthony Klecka

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William Montague Banta  
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Nancy Jean Gore  
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Adele Peterdi Harvey  
Joy Louisa Maffei  
Judith Ann Mattox  
Marc Alan Siegler  
Carolyn Lansden Whittle  
Jain Lee Wright  
Alan Edward Zeidman

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Ruth Vera Gross  
Mary Louise Kinzie  
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Andrea Beth Klein  
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#### PHILOSOPHY

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#### PHYSICS

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#### POLITICAL SCIENCE

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Martin Jay Freed  
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David Alexander Grant  
Stephen Jay Landes  
Julius Louis Loeser  
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Jon David Pevna  
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Arlene Frances Cernik  
Mary Ann Holmblad  
Charles Wendell Malsbury  
Madeleine Marguerite Plotnick  
John Ralph Schallow  
Andrew Spencer Winston  
Joel Stephen Zimmerman

#### SOCIOLOGY

Michael Light Chernoff  
Michael Owen Henneberry  
Lawrence Russell Sandler  
Douglas Snow Westwater

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Charles John Buresh	Madeleine Marguerite Plotnick
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Constance Ann Black	Ann Virginia Miller
Jane Reed Galloway	Miriam Janette Neff
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Stephen Jay Landes	Janet Lee Workman
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### BACHELOR OF PHILOSOPHY

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### ORDER OF THE COIF

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Michael Louis Denger	

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NORTHWESTERN UNIVERSITY

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*Degree Awarded With Highest Distinction*

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*Degree Awarded With Distinction*

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MASTER OF BUSINESS ADMINISTRATION

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Walter Edward Deuchler  
Richard Dudley Hanson  
Lawrence Kent Hellman  
Edward Howard Johnson  
Harvey Mark Margolis  
David Hayner Marshall

Kenneth Jay Mesec  
Joseph William Murray  
Bruce James Roth  
Joseph Stephen Simon  
Jon Woodward Spelman  
James Alvin Tewes  
Lorne Rudolph Waxlax  
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BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

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James Barton Thies

Kenneth James Thygereson

*Degrees Awarded With Distinction*

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Robert David McLean

William Randal Smith  
William Arthur Wines

DELTA SIGMA PI KEY: James Barton Thies

BETA GAMMA SIGMA

Richard Eugene Sliwinski

*Evening Division*

ALPHA KAPPA PSI MEDALLION: Wayne Louis Gardner

COMMERCE CLUB DEGREE AWARD: Donald Charles Kraft

COMMERCE CLUB DIPLOMA AWARD: Robert Charles Brewer

FINANCIAL EXECUTIVES INSTITUTE ANNUAL AWARD: Robert Bruce Scherer

DELTA SIGMA PI PRIZE: Daniel Wojtowicz

LYDIAN LEADERSHIP AWARD: Mary Kay Davis

NORTHWESTERN UNIVERSITY EVENING STUDENT COUNCIL AWARD: Mary Kay Davis

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PHI GAMMA NU PRIZE: Naomi Mary Ayres Herman

JOSEPH SCHAFFNER PRIZE (DEGREE PROGRAM): Robert Bruce Scherer, Robert Thomas Lohman

JOSEPH SCHAFFNER PRIZE (DIPLOMA PROGRAM): Daniel Wojtowicz

H. G. WRIGHT COMMERCE CLUB SCHOLARSHIP AWARD: Donald Michael Clancy

JOSEPH H. GILBY COMMERCE CLUB AWARD: Henry G. Gee

DANIEL R. LANG AWARD: The Lydians

DELTA MU DELTA ASSOCIATES AWARD: Epsilon Eta Phi, Phi Chi Theta

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Patrick Eugene Donald	Betty Jean McCabe
John Douglas Hewitt	Juergen Nolthenius
John George Hoeger	Edward Lenard Poran
James Stephen Kinal	Wayne Herbert Roth
James Andrew Kolz	Jerome George Santowski
Vaughn Arakel Koshkarian	Robert Bruce Scherer
Horst Gustav Krummel	Donald Albert Secker
John Harold Kvickey, Jr.	Laszlo Gyorgy Stephan
Wilbur John Lodding	Abraham Wiznitzer
Robert Thomas Lohman	Daniel Wojtowski

### BACHELOR OF BUSINESS ADMINISTRATION

#### *Degrees Awarded With Distinction*

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Kenneth Walter Lossin	Laszlo Gyorgy Stephan
Jerome George Santowski	

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### MASTER OF SCIENCE IN JOURNALISM

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Arnold Phillip Consdorf, Jr.	Stuart Alan Schwartz
Daniel Bruce Droege	Michael Russell Whitney
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NORTHWESTERN UNIVERSITY

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*Degrees Awarded With Distinction*

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Kathleen Gillroy Dieckman

Holly McCord Levy  
John David Reiter

THE SCHOOL OF EDUCATION

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*Degrees Awarded With Distinction*

Jean Elizabeth Boehmler  
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THE TECHNOLOGICAL INSTITUTE

*Degrees Awarded With Highest Distinction*

Robert Norman Dreyer  
John Patrick Harding

David William Mineck

*Degrees Awarded With Distinction*

Kenneth W. Chilton  
George William Crabtree  
James Richard Everly  
Michael Harry Holmes  
John Edward Keevert, Jr.  
Frank B. Kern, Jr.  
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Robert Arthur Shearer

## COMMISSIONS AS SECOND LIEUTENANT IN THE U.S. MARINE CORPS RESERVE

Jon P. Bascom

Michael Robert Wadsworth



## THE CAP AND GOWN

The cap and gown are worn by each participant in the Commencement exercises. The cap is worn throughout the ceremonies, except during the national anthem and the invocation. The tassel colors, which indicate the different Schools and departments, are as follows:

Graduate .....	<i>Black</i>	Speech .....	<i>Silver Gray</i>
Arts and Sciences .....	<i>White</i>	Education .....	<i>Light Blue</i>
Medicine .....	<i>Green</i>	Journalism .....	<i>Crimson</i>
Law .....	<i>Purple</i>	Technological Institute .....	<i>Orange</i>
Dentistry .....	<i>Lilac</i>	Traffic Institute .....	<i>Acorn and White</i>
Music .....	<i>Pink</i>	Evanston, Passavant, and	
Business .....	<i>Acorn</i>	Wesley Hospitals .....	<i>Apricot</i>

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Baccalaureate Marshal .....	LAWRENCE G. LAVENGOOD
Chairman of Marshals for the Faculty at Commencement ..	JOSEPH A. WELLS
Chairman of Marshals for Students at Commencement .....	GERALD L. SMITH
Marshal for Recipients of Honorary Degrees .....	HOWARD F. BENNETT
AUDITORIUM MARSHAL AT COMMENCEMENT ...	ERNEST A. NORDSTROM
Lobby Marshal at Commencement .....	JEREMY R. WILSON
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CAPS AND GOWNS .....	NATALIE WEBER
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EMERGENCY MEDICAL SERVICE .....	DR. LEONA B. YEAGER
PUBLICITY .....	SAM H. SARAN
STAFF ASSISTANTS .....	MELBA PETERSON, ELLEN STEWART
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THE UNIVERSITY HYMN

*Hail to Alma Mater!*  
*We will sing thy praise forever;*  
*All thy sons and daughters*  
*Pledge thee victory and honor.*  
*Alma Mater, praise be thine,*  
*May thy name forever shine!*  
*Hail to Purple! Hail to White!*  
*Hail to thee, Northwestern!*

